

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085321.D
 Acq On : 27 Dec 2024 10:26
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	156166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	274313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	239296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	223438	100.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 200.620%#			
35) Dibromofluoromethane	8.159	113	173043	101.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.240%#			
50) Toluene-d8	10.565	98	652176	103.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 207.700%#			
62) 4-Bromofluorobenzene	12.847	95	223549	107.189	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 214.380%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	211530	100.154	ug/l	98
3) Chloromethane	2.359	50	210461	88.661	ug/l	95
4) Vinyl Chloride	2.512	62	239141	95.258	ug/l	97
5) Bromomethane	2.948	94	150300	91.543	ug/l	95
6) Chloroethane	3.118	64	153144	96.191	ug/l	98
7) Trichlorofluoromethane	3.500	101	319456	96.803	ug/l	98
8) Diethyl Ether	3.953	74	113060	103.470	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	182437	97.166	ug/l	98
10) Methyl Iodide	4.589	142	221288	101.834	ug/l	96
11) Tert butyl alcohol	5.512	59	125490	449.925	ug/l	98
12) 1,1-Dichloroethene	4.342	96	171462	98.802	ug/l	99
13) Acrolein	4.171	56	204340	469.915	ug/l	97
14) Allyl chloride	5.018	41	270904	97.537	ug/l	99
15) Acrylonitrile	5.712	53	425762	485.009	ug/l	99
16) Acetone	4.418	43	340922	465.473	ug/l	98
17) Carbon Disulfide	4.712	76	484441	91.760	ug/l	100
18) Methyl Acetate	5.018	43	215207	95.974	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	586031	103.894	ug/l	99
20) Methylene Chloride	5.271	84	189358	96.119	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	177119	97.703	ug/l	99
22) Diisopropyl ether	6.665	45	623798	104.224	ug/l	99
23) Vinyl Acetate	6.594	43	2319612	539.108	ug/l	98
24) 1,1-Dichloroethane	6.559	63	357527	99.165	ug/l	99
25) 2-Butanone	7.471	43	557035	490.229	ug/l	99
26) 2,2-Dichloropropane	7.488	77	318743	100.909	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	218963	102.909	ug/l	97
28) Bromochloromethane	7.806	49	174969	104.430	ug/l #	98
29) Tetrahydrofuran	7.830	42	374323	511.419	ug/l	99
30) Chloroform	7.959	83	360866	97.837	ug/l	98
31) Cyclohexane	8.253	56	307196	93.310	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	325760	98.891	ug/l	97
36) 1,1-Dichloropropene	8.365	75	263076	104.994	ug/l	99
37) Ethyl Acetate	7.553	43	239186	96.040	ug/l	99
38) Carbon Tetrachloride	8.359	117	282846	103.563	ug/l	97
39) Methylcyclohexane	9.594	83	296114	113.903	ug/l	98
40) Benzene	8.600	78	774590	102.248	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085321.D
 Acq On : 27 Dec 2024 10:26
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 28 01:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:10:11 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	137768	108.014	ug/l	99
42) 1,2-Dichloroethane	8.665	62	268298	98.781	ug/l	99
43) Isopropyl Acetate	8.682	43	426602	104.030	ug/l	100
44) Trichloroethene	9.347	130	179832	100.266	ug/l	97
45) 1,2-Dichloropropane	9.618	63	193438	100.585	ug/l	99
46) Dibromomethane	9.700	93	135558	101.355	ug/l	99
47) Bromodichloromethane	9.882	83	288439	103.761	ug/l	98
48) Methyl methacrylate	9.677	41	194022	109.038	ug/l	98
49) 1,4-Dioxane	9.688	88	56273	2096.049	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	1211949	525.905	ug/l	99
52) Toluene	10.624	92	483534	107.195	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	304711	111.463	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	319172	107.971	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	172065	101.034	ug/l	96
56) Ethyl methacrylate	10.871	69	292009	117.730	ug/l	99
57) 1,3-Dichloropropane	11.159	76	311119	104.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	682916	569.087	ug/l	99
59) 2-Hexanone	11.188	43	858322	536.829	ug/l	99
60) Dibromochloromethane	11.353	129	211482	110.251	ug/l	98
61) 1,2-Dibromoethane	11.465	107	174500	103.568	ug/l	99
64) Tetrachloroethene	11.100	164	153652	101.335	ug/l	97
65) Chlorobenzene	11.888	112	516861	99.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	179160	103.229	ug/l	99
67) Ethyl Benzene	11.959	91	942995	109.652	ug/l	100
68) m/p-Xylenes	12.065	106	713871	226.828	ug/l	100
69) o-Xylene	12.394	106	338950	111.332	ug/l	98
70) Styrene	12.406	104	578718	117.286	ug/l	99
71) Bromoform	12.570	173	130453	108.523	ug/l #	100
73) Isopropylbenzene	12.688	105	865504	108.621	ug/l	100
74) N-amyl acetate	12.488	43	373392	109.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	240405	94.731	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	182933m	85.937	ug/l	
77) Bromobenzene	12.976	156	191802	97.157	ug/l	99
78) n-propylbenzene	13.029	91	1026870	110.557	ug/l	100
79) 2-Chlorotoluene	13.123	91	602668	103.099	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	706917	109.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	91679	106.602	ug/l	98
82) 4-Chlorotoluene	13.217	91	607903	103.257	ug/l	100
83) tert-Butylbenzene	13.435	119	608882	109.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	719806	112.160	ug/l	98
85) sec-Butylbenzene	13.612	105	867992	112.004	ug/l	100
86) p-Isopropyltoluene	13.723	119	736735	100.116	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	364480	101.845	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	361871	98.438	ug/l	100
89) n-Butylbenzene	14.053	91	644347	113.544	ug/l	99
90) Hexachloroethane	14.329	117	136982	107.835	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	338794	99.377	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43244	95.745	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	178476	104.895	ug/l	100
94) Hexachlorobutadiene	15.494	225	76348	90.312	ug/l	99
95) Naphthalene	15.635	128	568171	98.477	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	168986	99.403	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
Data File : VN085321.D
Acq On : 27 Dec 2024 10:26
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:10:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:10:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:10:11 2024
Response via : Initial Calibration

