

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084381.D
 Acq On : 10 Oct 2024 11:40
 Operator : JC\MD
 Sample : VN1010WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107805	47.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.165	113	85088	48.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
50) Toluene-d8	10.565	98	308392	48.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.847	95	112868	48.287	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32736	18.083	ug/l	94
3) Chloromethane	2.360	50	37432	18.109	ug/l	97
4) Vinyl Chloride	2.513	62	37820	18.889	ug/l	94
5) Bromomethane	2.954	94	23870	18.074	ug/l	97
6) Chloroethane	3.118	64	24231	16.898	ug/l	95
7) Trichlorofluoromethane	3.495	101	60272	19.331	ug/l	100
8) Diethyl Ether	3.965	74	22070	19.086	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	35839	20.061	ug/l	98
10) Methyl Iodide	4.583	142	43061	18.717	ug/l	96
11) Tert butyl alcohol	5.524	59	39083	104.453	ug/l	98
12) 1,1-Dichloroethene	4.342	96	33621	19.511	ug/l	95
13) Acrolein	4.183	56	41208	95.933	ug/l	100
14) Allyl chloride	5.024	41	53091	17.740	ug/l	99
15) Acrylonitrile	5.718	53	104386	110.475	ug/l	99
16) Acetone	4.430	43	104142	106.835	ug/l	96
17) Carbon Disulfide	4.712	76	88019	16.133	ug/l	99
18) Methyl Acetate	5.024	43	51601	24.287	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	120553	20.728	ug/l	98
20) Methylene Chloride	5.283	84	40895	20.638	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	34876	19.318	ug/l	95
22) Diisopropyl ether	6.671	45	128348	20.734	ug/l	99
23) Vinyl Acetate	6.606	43	476814	103.852	ug/l	100
24) 1,1-Dichloroethane	6.571	63	70772	20.444	ug/l	98
25) 2-Butanone	7.483	43	147364	110.994	ug/l	100
26) 2,2-Dichloropropane	7.495	77	60923	19.519	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	43306	19.851	ug/l	98
28) Bromochloromethane	7.812	49	34677	22.451	ug/l	99
29) Tetrahydrofuran	7.842	42	90387	110.318	ug/l	98
30) Chloroform	7.965	83	74750	20.788	ug/l	98
31) Cyclohexane	8.259	56	58988	17.550	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	65365	20.240	ug/l	98
36) 1,1-Dichloropropene	8.371	75	50360	19.881	ug/l	99
37) Ethyl Acetate	7.559	43	58158	22.379	ug/l	99
38) Carbon Tetrachloride	8.359	117	55309	19.905	ug/l	92
39) Methylcyclohexane	9.600	83	50424	17.886	ug/l	98
40) Benzene	8.606	78	158097	20.032	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084381.D
 Acq On : 10 Oct 2024 11:40
 Operator : JC\MD
 Sample : VN1010WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30888	21.894	ug/l	96
42) 1,2-Dichloroethane	8.671	62	56650	21.173	ug/l	100
43) Isopropyl Acetate	8.689	43	97036	19.064	ug/l	99
44) Trichloroethene	9.347	130	36234	19.657	ug/l	97
45) 1,2-Dichloropropane	9.618	63	39947	21.396	ug/l	99
46) Dibromomethane	9.712	93	28502	22.622	ug/l	97
47) Bromodichloromethane	9.883	83	59065	21.101	ug/l	95
48) Methyl methacrylate	9.677	41	43484	21.460	ug/l	99
49) 1,4-Dioxane	9.694	88	17234	461.995	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	288717	116.706	ug/l	99
52) Toluene	10.630	92	98973	20.565	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	57804	20.258	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	64127	20.894	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	37957	22.000	ug/l	94
56) Ethyl methacrylate	10.871	69	60115	21.175	ug/l	96
57) 1,3-Dichloropropane	11.165	76	66480	21.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	133517	101.384	ug/l	98
59) 2-Hexanone	11.194	43	211107	114.173	ug/l	99
60) Dibromochloromethane	11.359	129	45147	22.147	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39660	22.123	ug/l	97
64) Tetrachloroethene	11.100	164	33035	20.292	ug/l	92
65) Chlorobenzene	11.888	112	105167	20.293	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38161	21.379	ug/l	99
67) Ethyl Benzene	11.965	91	180857	19.734	ug/l	97
68) m/p-Xylenes	12.071	106	137842	40.660	ug/l	97
69) o-Xylene	12.400	106	65438	20.402	ug/l	99
70) Styrene	12.412	104	114177	21.016	ug/l	98
71) Bromoform	12.577	173	29491	22.441	ug/l #	100
73) Isopropylbenzene	12.694	105	167076	18.610	ug/l	100
74) N-amyl acetate	12.494	43	79897	19.653	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58520	21.678	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47935m	19.957	ug/l	
77) Bromobenzene	12.977	156	42352	19.557	ug/l	99
78) n-propylbenzene	13.035	91	201509	19.373	ug/l	98
79) 2-Chlorotoluene	13.124	91	129294	19.480	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	145004	19.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19816	19.779	ug/l	93
82) 4-Chlorotoluene	13.218	91	129001	19.307	ug/l	99
83) tert-Butylbenzene	13.435	119	121049	18.597	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	148192	20.087	ug/l	99
85) sec-Butylbenzene	13.612	105	169995	19.572	ug/l	100
86) p-Isopropyltoluene	13.729	119	139620	19.439	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81249	19.999	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78123	19.042	ug/l	98
89) n-Butylbenzene	14.053	91	117048	17.972	ug/l	100
90) Hexachloroethane	14.329	117	27904	19.140	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	76297	19.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12031	21.597	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	36749	18.729	ug/l	97
94) Hexachlorobutadiene	15.500	225	18446	18.851	ug/l	93
95) Naphthalene	15.641	128	122340	18.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36784	18.728	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
Data File : VN084381.D
Acq On : 10 Oct 2024 11:40
Operator : JC\MD
Sample : VN1010WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:43:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

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

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

