

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085106.D
 Acq On : 05 Dec 2024 10:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2024
 Supervised By : Mahesh Dadoda 12/06/2024

Quant Time: Dec 06 00:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	172189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117039	47.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.440%		
35) Dibromofluoromethane	8.165	113	95786	51.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.360%		
50) Toluene-d8	10.565	98	337580	50.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.847	95	129048	51.450	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83438	42.854	ug/l	97
3) Chloromethane	2.359	50	90281	39.978	ug/l	95
4) Vinyl Chloride	2.512	62	94838	46.732	ug/l	98
5) Bromomethane	2.947	94	59893	52.655	ug/l	98
6) Chloroethane	3.112	64	59875	43.772	ug/l	97
7) Trichlorofluoromethane	3.494	101	167941	48.647	ug/l	94
8) Diethyl Ether	3.959	74	58620	49.889	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	98729	50.424	ug/l	98
10) Methyl Iodide	4.589	142	130409	50.317	ug/l	95
11) Tert butyl alcohol	5.524	59	88844	271.065	ug/l	96
12) 1,1-Dichloroethene	4.341	96	90135	49.319	ug/l	98
13) Acrolein	4.183	56	61647	281.874	ug/l	98
14) Allyl chloride	5.024	41	138762	45.038	ug/l	96
15) Acrylonitrile	5.712	53	241979	260.771	ug/l	99
16) Acetone	4.430	43	198000	277.185	ug/l	98
17) Carbon Disulfide	4.712	76	253182	46.934	ug/l	99
18) Methyl Acetate	5.024	43	117849	51.655	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	309917	51.900	ug/l	99
20) Methylene Chloride	5.271	84	104663	48.016	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	98740	51.340	ug/l	93
22) Diisopropyl ether	6.665	45	312149	50.339	ug/l	97
23) Vinyl Acetate	6.600	43	1148687	268.517	ug/l	99
24) 1,1-Dichloroethane	6.565	63	184858	49.816	ug/l	98
25) 2-Butanone	7.482	43	312314	267.424	ug/l	96
26) 2,2-Dichloropropane	7.488	77	172307	49.728	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118084	50.930	ug/l	98
28) Bromochloromethane	7.812	49	69042	49.289	ug/l	97
29) Tetrahydrofuran	7.835	42	201571	277.549	ug/l	99
30) Chloroform	7.959	83	197859	50.125	ug/l	96
31) Cyclohexane	8.253	56	157523	48.214	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	178752	50.113	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133948	52.841	ug/l	99
37) Ethyl Acetate	7.559	43	127024	55.119	ug/l	98
38) Carbon Tetrachloride	8.359	117	159837	54.625	ug/l	97
39) Methylcyclohexane	9.600	83	148190	56.257	ug/l	97
40) Benzene	8.600	78	421843	52.615	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085106.D
 Acq On : 05 Dec 2024 10:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 00:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/06/2024
 Supervised By :Mahesh Dadoda 12/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70138	54.969	ug/l	99
42) 1,2-Dichloroethane	8.671	62	143242	52.223	ug/l	100
43) Isopropyl Acetate	8.688	43	225782	47.167	ug/l	99
44) Trichloroethene	9.353	130	102382	54.949	ug/l	93
45) 1,2-Dichloropropane	9.618	63	102424	51.867	ug/l	93
46) Dibromomethane	9.706	93	73451	53.529	ug/l	99
47) Bromodichloromethane	9.882	83	157150	54.037	ug/l	99
48) Methyl methacrylate	9.676	41	104942	58.913	ug/l	97
49) 1,4-Dioxane	9.694	88	36818	1191.861	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	660276	301.988	ug/l	99
52) Toluene	10.629	92	265830	56.007	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	158454	54.346	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	172051	55.623	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	98272	55.586	ug/l	98
56) Ethyl methacrylate	10.871	69	159812	61.862	ug/l	100
57) 1,3-Dichloropropane	11.159	76	169248	54.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	382201	301.608	ug/l	100
59) 2-Hexanone	11.194	43	498881	305.080	ug/l	100
60) Dibromochloromethane	11.359	129	122183	56.549	ug/l	98
61) 1,2-Dibromoethane	11.465	107	101911	55.700	ug/l	97
64) Tetrachloroethene	11.100	164	91195	55.611	ug/l	96
65) Chlorobenzene	11.888	112	289150	52.389	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	104936	54.000	ug/l	99
67) Ethyl Benzene	11.965	91	509621	56.913	ug/l	99
68) m/p-Xylenes	12.065	106	390678	114.598	ug/l	100
69) o-Xylene	12.394	106	186397	57.479	ug/l	99
70) Styrene	12.412	104	323742	60.032	ug/l	99
71) Bromoform	12.576	173	82680	57.318	ug/l #	97
73) Isopropylbenzene	12.694	105	478913	55.808	ug/l	99
74) N-amyl acetate	12.494	43	196824	55.660	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	141042	48.131	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113903m	51.480	ug/l	
77) Bromobenzene	12.976	156	118421	51.280	ug/l	99
78) n-propylbenzene	13.035	91	574922	58.085	ug/l	100
79) 2-Chlorotoluene	13.123	91	348747	52.782	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	421776	58.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53465	53.344	ug/l	97
82) 4-Chlorotoluene	13.217	91	356145	51.778	ug/l	99
83) tert-Butylbenzene	13.435	119	358938	57.933	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	416931	56.249	ug/l	100
85) sec-Butylbenzene	13.611	105	487955	58.301	ug/l	99
86) p-Isopropyltoluene	13.729	119	409711	59.300	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	215067	47.216	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	217095	46.704	ug/l	99
89) n-Butylbenzene	14.053	91	348839	54.292	ug/l	99
90) Hexachloroethane	14.329	117	77396	51.391	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	204061	46.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27912	49.258	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	108110	45.592	ug/l	99
94) Hexachlorobutadiene	15.500	225	52424	47.904	ug/l	99
95) Naphthalene	15.641	128	335399	49.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	105534	46.644	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
Data File : VN085106.D
Acq On : 05 Dec 2024 10:50
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/06/2024
Supervised By :Mahesh Dadoda 12/06/2024

Quant Time: Dec 06 00:43:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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

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

