

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075053.D
 Acq On : 28 Oct 2022 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 03:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	100358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69049	51.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.171	113	56017	51.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	10.571	98	228869	54.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.847	95	88829	60.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	60880	46.632	ug/l	99
3) Chloromethane	2.371	50	59652	43.016	ug/l	99
4) Vinyl Chloride	2.524	62	93341	47.183	ug/l	94
5) Bromomethane	2.918	94	70507	49.766	ug/l	99
6) Chloroethane	3.089	64	66069	46.574	ug/l	94
7) Trichlorofluoromethane	3.489	101	100284	49.624	ug/l	99
8) Diethyl Ether	3.965	74	37017	50.219	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	55159	49.423	ug/l	99
10) Methyl Iodide	4.589	142	81476	49.038	ug/l	99
11) Tert butyl alcohol	5.542	59	68744	218.000	ug/l	100
12) 1,1-Dichloroethene	4.342	96	52084	48.960	ug/l	98
13) Acrolein	4.189	56	65828	255.217	ug/l	98
14) Allyl chloride	5.024	41	72110	46.411	ug/l	93
15) Acrylonitrile	5.724	53	159394	239.283	ug/l	99
16) Acetone	4.436	43	167389	292.353	ug/l	99
17) Carbon Disulfide	4.712	76	128022	47.855	ug/l	97
18) Methyl Acetate	5.030	43	90845	48.574	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	199523	50.462	ug/l	97
20) Methylene Chloride	5.277	84	62596	49.033	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	57685	49.524	ug/l	97
22) Diisopropyl ether	6.677	45	175600	51.213	ug/l	93
23) Vinyl Acetate	6.606	43	725432m	253.362	ug/l	
24) 1,1-Dichloroethane	6.571	63	109300	50.402	ug/l	100
25) 2-Butanone	7.488	43	221748	246.229	ug/l	98
26) 2,2-Dichloropropane	7.494	77	104450	52.357	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	70989	51.035	ug/l	99
28) Bromochloromethane	7.818	49	47556	52.022	ug/l	100
29) Tetrahydrofuran	7.841	42	138491	237.980	ug/l	100
30) Chloroform	7.971	83	121809	51.735	ug/l	96
31) Cyclohexane	8.259	56	98217	48.837	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	111953	52.361	ug/l	99
36) 1,1-Dichloropropene	8.377	75	89860	53.867	ug/l	99
37) Ethyl Acetate	7.565	43	84899	46.407	ug/l	100
38) Carbon Tetrachloride	8.365	117	96988	52.855	ug/l	98
39) Methylcyclohexane	9.600	83	120094	54.532	ug/l	96
40) Benzene	8.606	78	267657	52.402	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075053.D
 Acq On : 28 Oct 2022 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 31 03:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42660	48.672	ug/l	95
42) 1,2-Dichloroethane	8.677	62	98865	53.203	ug/l	100
43) Isopropyl Acetate	8.688	43	141723	49.943	ug/l	99
44) Trichloroethene	9.353	130	66357	51.783	ug/l	98
45) 1,2-Dichloropropane	9.624	63	62763	51.634	ug/l	99
46) Dibromomethane	9.706	93	50037	52.837	ug/l	97
47) Bromodichloromethane	9.888	83	98122	53.504	ug/l	98
48) Methyl methacrylate	9.682	41	65213	50.098	ug/l	98
49) 1,4-Dioxane	9.700	88	33502	982.849	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	459670	251.022	ug/l	100
52) Toluene	10.629	92	191030	55.949	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	110451	57.060	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	112766	54.925	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	72354	53.444	ug/l	99
56) Ethyl methacrylate	10.877	69	112434	54.445	ug/l	98
57) 1,3-Dichloropropane	11.165	76	120824	53.591	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	202205	253.278	ug/l	99
59) 2-Hexanone	11.194	43	358448	257.911	ug/l	100
60) Dibromochloromethane	11.359	129	79461	55.632	ug/l	100
61) 1,2-Dibromoethane	11.471	107	76570	55.189	ug/l	100
64) Tetrachloroethene	11.106	164	57617	52.427	ug/l	96
65) Chlorobenzene	11.894	112	198352	51.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	73118	51.513	ug/l	99
67) Ethyl Benzene	11.965	91	370507	53.821	ug/l	99
68) m/p-Xylenes	12.076	106	301850	109.278	ug/l	99
69) o-Xylene	12.400	106	148836	54.485	ug/l	99
70) Styrene	12.412	104	243956	56.009	ug/l	99
71) Bromoform	12.582	173	56508	53.174	ug/l #	99
73) Isopropylbenzene	12.700	105	385327	50.857	ug/l	99
74) N-amyl acetate	12.494	43	135902	48.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	117831	54.118	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	87716m	43.773	ug/l	
77) Bromobenzene	12.982	156	82499	49.451	ug/l	99
78) n-propylbenzene	13.035	91	455560	53.553	ug/l	99
79) 2-Chlorotoluene	13.123	91	267622	51.484	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	342343	53.795	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	42563	54.524	ug/l	94
82) 4-Chlorotoluene	13.123	91	267622	51.484	ug/l	99
83) tert-Butylbenzene	13.441	119	293249	51.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	344538	53.509	ug/l	100
85) sec-Butylbenzene	13.618	105	428326	54.147	ug/l	99
86) p-Isopropyltoluene	13.729	119	364417	55.781	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	171800	52.595	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	170903	52.866	ug/l	99
89) n-Butylbenzene	14.059	91	303142	57.622	ug/l	100
90) Hexachloroethane	14.335	117	61754	51.555	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	169325	52.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24537	48.011	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	77511	55.469	ug/l	99
94) Hexachlorobutadiene	15.500	225	35768	52.505	ug/l	98
95) Naphthalene	15.641	128	288162	53.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	77881	56.092	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
Data File : VN075053.D
Acq On : 28 Oct 2022 11:02
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 03:08:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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

