

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075596.D
 Acq On : 06 Dec 2022 19:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	196062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	314407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	53432	50.770	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.171	113	70612	57.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.340%			
50) Toluene-d8	10.570	98	145410	52.272	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.853	95	114707	55.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	84939	56.656	ug/l	97
3) Chloromethane	2.371	50	99212	53.184	ug/l	100
4) Vinyl Chloride	2.524	62	129468	55.069	ug/l	94
5) Bromomethane	2.918	94	113742	55.016	ug/l	99
6) Chloroethane	3.100	64	95702	53.722	ug/l	98
7) Trichlorofluoromethane	3.494	101	174786	52.040	ug/l	98
8) Diethyl Ether	3.971	74	70143	59.586	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	97921	52.812	ug/l	90
10) Methyl Iodide	4.594	142	172959	57.567	ug/l	94
11) Tert butyl alcohol	5.541	59	105070	237.822	ug/l	98
12) 1,1-Dichloroethene	4.347	96	97979	53.964	ug/l	88
13) Acrolein	4.189	56	105659	274.525	ug/l	99
14) Allyl chloride	5.030	41	131137	55.838	ug/l	96
15) Acrylonitrile	5.730	53	251283	247.909	ug/l	99
16) Acetone	4.436	43	189013	192.544	ug/l	93
17) Carbon Disulfide	4.718	76	249945	52.971	ug/l	100
18) Methyl Acetate	5.036	43	133516	54.056	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	363567	56.526	ug/l	98
20) Methylene Chloride	5.283	84	115023	57.986	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	107133	51.776	ug/l	92
22) Diisopropyl ether	6.682	45	309088	57.672	ug/l	98
23) Vinyl Acetate	6.612	43	1070672	251.111	ug/l	98
24) 1,1-Dichloroethane	6.577	63	191134	55.561	ug/l	99
25) 2-Butanone	7.494	43	319650	233.232	ug/l	99
26) 2,2-Dichloropropane	7.494	77	152296	47.635	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	134508	57.489	ug/l	91
28) Bromochloromethane	7.824	49	74719	53.509	ug/l	85
29) Tetrahydrofuran	7.841	42	210644	252.678	ug/l	99
30) Chloroform	7.971	83	210723	53.341	ug/l	97
31) Cyclohexane	8.265	56	157202	47.014	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	194290	54.166	ug/l	94
36) 1,1-Dichloropropene	8.376	75	148749	55.226	ug/l	98
37) Ethyl Acetate	7.565	43	130369	53.755	ug/l	98
38) Carbon Tetrachloride	8.365	117	167777	56.704	ug/l	98
39) Methylcyclohexane	9.606	83	188356	55.876	ug/l	97
40) Benzene	8.612	78	460123	55.796	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	69887	56.364	ug/l	98
42) 1,2-Dichloroethane	8.676	62	156889	56.805	ug/l	96
43) Isopropyl Acetate	8.694	43	227301	58.389	ug/l	97
44) Trichloroethene	9.353	130	126676	56.139	ug/l	92
45) 1,2-Dichloropropane	9.623	63	113133	57.568	ug/l	97
46) Dibromomethane	9.712	93	85472	57.502	ug/l #	89
47) Bromodichloromethane	9.894	83	169894	59.021	ug/l	99
48) Methyl methacrylate	9.682	41	103285	57.380	ug/l	96
49) 1,4-Dioxane	9.700	88	50079	979.773	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	687512	277.286	ug/l	97
52) Toluene	10.635	92	310985	58.520	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	176613	61.115	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	190719	60.765	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	125456	57.963	ug/l	96
56) Ethyl methacrylate	10.876	69	185831	63.575	ug/l	98
57) 1,3-Dichloropropane	11.165	76	203218	57.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	285200	270.538	ug/l	96
59) 2-Hexanone	11.200	43	506603	272.101	ug/l	98
60) Dibromochloromethane	11.359	129	144112	64.867	ug/l	99
61) 1,2-Dibromoethane	11.470	107	128523	57.210	ug/l	100
64) Tetrachloroethene	11.106	164	110121	51.352	ug/l	92
65) Chlorobenzene	11.894	112	334090	57.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	130900	60.479	ug/l	98
67) Ethyl Benzene	11.964	91	586697	59.299	ug/l	100
68) m/p-Xylenes	12.076	106	471333	117.312	ug/l	99
69) o-Xylene	12.400	106	236789	59.317	ug/l	97
70) Styrene	12.412	104	394968	62.720	ug/l	98
71) Bromoform	12.582	173	108060	65.598	ug/l #	99
73) Isopropylbenzene	12.700	105	604777	56.048	ug/l	98
74) N-amyl acetate	12.494	43	209658	63.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	183746	55.855	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	138936m	49.754	ug/l	
77) Bromobenzene	12.982	156	151884	57.016	ug/l	85
78) n-propylbenzene	13.041	91	689172	57.231	ug/l	99
79) 2-Chlorotoluene	13.129	91	405876	55.940	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	518432	57.831	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	53272	56.445	ug/l	96
82) 4-Chlorotoluene	13.129	91	405876	55.940	ug/l	96
83) tert-Butylbenzene	13.441	119	484037	59.219	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	527618	58.676	ug/l	99
85) sec-Butylbenzene	13.617	105	651007	58.700	ug/l	99
86) p-Isopropyltoluene	13.735	119	561302	60.154	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	284937	56.454	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	284925	55.573	ug/l	98
89) n-Butylbenzene	14.058	91	461844	58.603	ug/l	99
90) Hexachloroethane	14.335	117	96780	60.122	ug/l	81
91) 1,2-Dichlorobenzene	14.111	146	285523	58.035	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35381	56.777	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	154783	61.392	ug/l	98
94) Hexachlorobutadiene	15.505	225	79575	60.594	ug/l	99
95) Naphthalene	15.647	128	463081	58.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	149518	60.339	ug/l	98

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

