

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075953.D
 Acq On : 23 Dec 2022 09:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:19:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	306933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	483891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	446006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174543	52.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	8.171	113	160044	53.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.820%			
50) Toluene-d8	10.571	98	604698	53.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.853	95	206351	55.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	96344	44.208	ug/l	98
3) Chloromethane	2.371	50	114167	42.129	ug/l	97
4) Vinyl Chloride	2.530	62	146002	45.166	ug/l	95
5) Bromomethane	2.942	94	117603	42.808	ug/l	97
6) Chloroethane	3.118	64	109000	45.534	ug/l	100
7) Trichlorofluoromethane	3.506	101	228711	46.627	ug/l	97
8) Diethyl Ether	3.971	74	86422	48.239	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	135715	48.454	ug/l	99
10) Methyl Iodide	4.600	142	206317	45.389	ug/l	98
11) Tert butyl alcohol	5.536	59	103590	219.245	ug/l	99
12) 1,1-Dichloroethene	4.353	96	124133	45.632	ug/l	99
13) Acrolein	4.189	56	169206	292.111	ug/l	98
14) Allyl chloride	5.036	41	147417	46.357	ug/l	90
15) Acrylonitrile	5.730	53	320697	248.721	ug/l	99
16) Acetone	4.436	43	344862	299.602	ug/l	98
17) Carbon Disulfide	4.724	76	276067	41.915	ug/l	97
18) Methyl Acetate	5.036	43	165045	48.508	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	451375	50.387	ug/l	95
20) Methylene Chloride	5.283	84	149558	48.552	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	137787	46.250	ug/l	94
22) Diisopropyl ether	6.683	45	402067	52.047	ug/l	98
23) Vinyl Acetate	6.612	43	1326194	255.058	ug/l	99
24) 1,1-Dichloroethane	6.577	63	252537	49.017	ug/l	98
25) 2-Butanone	7.489	43	438245	271.914	ug/l	96
26) 2,2-Dichloropropane	7.494	77	223955	51.331	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	171603	48.162	ug/l	94
28) Bromochloromethane	7.818	49	111813	49.516	ug/l	96
29) Tetrahydrofuran	7.847	42	256934	254.387	ug/l	97
30) Chloroform	7.971	83	283599	48.891	ug/l	95
31) Cyclohexane	8.265	56	215009	44.960	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	256056	49.791	ug/l	95
36) 1,1-Dichloropropene	8.377	75	199752	50.179	ug/l	99
37) Ethyl Acetate	7.571	43	160958	50.338	ug/l	98
38) Carbon Tetrachloride	8.371	117	226532	50.845	ug/l	97
39) Methylcyclohexane	9.606	83	251473	52.363	ug/l	98
40) Benzene	8.612	78	609715	49.643	ug/l	100

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Quant Title : SW846 8260

QLast Update : Wed Dec 14 13:03:41 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	86846	52.252	ug/l	97
42) 1,2-Dichloroethane	8.677	62	204042	49.970	ug/l	100
43) Isopropyl Acetate	8.694	43	276823	52.483	ug/l	99
44) Trichloroethene	9.359	130	164492	47.540	ug/l	97
45) 1,2-Dichloropropane	9.624	63	150158	50.240	ug/l	98
46) Dibromomethane	9.712	93	111329	50.221	ug/l	98
47) Bromodichloromethane	9.894	83	228763	52.623	ug/l	98
48) Methyl methacrylate	9.682	41	129288	54.423	ug/l	99
49) 1,4-Dioxane	9.700	88	60070	1028.539	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	860878	269.881	ug/l	99
52) Toluene	10.635	92	413378	51.679	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	233708	54.920	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	254536	54.479	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	163386	52.040	ug/l	97
56) Ethyl methacrylate	10.877	69	233098	55.895	ug/l	98
57) 1,3-Dichloropropane	11.165	76	265504	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	378398	284.993	ug/l	99
59) 2-Hexanone	11.200	43	657869	282.802	ug/l	100
60) Dibromochloromethane	11.365	129	183450	52.541	ug/l	98
61) 1,2-Dibromoethane	11.471	107	164043	51.631	ug/l	99
64) Tetrachloroethene	11.106	164	150748	48.033	ug/l	98
65) Chlorobenzene	11.894	112	448087	48.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	173486	51.166	ug/l	99
67) Ethyl Benzene	11.965	91	810659	52.470	ug/l	99
68) m/p-Xylenes	12.076	106	637275	104.214	ug/l	99
69) o-Xylene	12.400	106	315858	52.195	ug/l	100
70) Styrene	12.412	104	521547	54.204	ug/l	100
71) Bromoform	12.582	173	132579	53.736	ug/l #	99
73) Isopropylbenzene	12.700	105	835839	51.940	ug/l	99
74) N-amyl acetate	12.500	43	248075	52.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	234393	47.116	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	205433m	45.765	ug/l	
77) Bromobenzene	12.982	156	195630	48.035	ug/l	99
78) n-propylbenzene	13.041	91	949846	53.515	ug/l	99
79) 2-Chlorotoluene	13.129	91	548892	49.541	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	699807	51.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67594	54.202	ug/l	99
82) 4-Chlorotoluene	13.129	91	548892	49.541	ug/l	100
83) tert-Butylbenzene	13.441	119	634104	53.398	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	704115	52.698	ug/l	99
85) sec-Butylbenzene	13.623	105	885063	53.999	ug/l	100
86) p-Isopropyltoluene	13.735	119	760373	55.753	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	373358	49.629	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	365920	47.613	ug/l	99
89) n-Butylbenzene	14.059	91	622114	56.306	ug/l	100
90) Hexachloroethane	14.335	117	132911	54.481	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	367640	49.613	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41340	46.831	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	189067	51.537	ug/l	99
94) Hexachlorobutadiene	15.506	225	100985	50.454	ug/l	99
95) Naphthalene	15.647	128	540282	44.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	181235	52.856	ug/l	100

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

