

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075758.D
 Acq On : 13 Dec 2022 12:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 13:06:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	208137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	115543	52.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.171	113	108438	51.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	10.571	98	410019	51.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.853	95	139852	51.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	67403	44.030	ug/l	99
3) Chloromethane	2.371	50	82198	45.068	ug/l	96
4) Vinyl Chloride	2.530	62	99000	44.189	ug/l	95
5) Bromomethane	2.942	94	88317	46.285	ug/l	93
6) Chloroethane	3.118	64	73737	44.112	ug/l	100
7) Trichlorofluoromethane	3.500	101	155099	47.715	ug/l	97
8) Diethyl Ether	3.971	74	61661	51.888	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	89308	46.816	ug/l	98
10) Methyl Iodide	4.600	142	155309	49.821	ug/l	99
11) Tert butyl alcohol	5.536	59	78323	239.736	ug/l	98
12) 1,1-Dichloroethene	4.353	96	87345	48.986	ug/l	98
13) Acrolein	4.189	56	106462	282.940	ug/l	99
14) Allyl chloride	5.030	41	112299	50.575	ug/l	93
15) Acrylonitrile	5.730	53	219025	259.543	ug/l	100
16) Acetone	4.442	43	162448	217.210	ug/l	100
17) Carbon Disulfide	4.724	76	214791	45.525	ug/l	97
18) Methyl Acetate	5.036	43	112855	46.960	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	316825	52.822	ug/l	99
20) Methylene Chloride	5.283	84	106741	47.876	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	100818	50.596	ug/l	90
22) Diisopropyl ether	6.683	45	275055	54.443	ug/l	97
23) Vinyl Acetate	6.612	43	943270	244.851	ug/l	99
24) 1,1-Dichloroethane	6.577	63	171940	51.702	ug/l	99
25) 2-Butanone	7.488	43	265965	243.269	ug/l	99
26) 2,2-Dichloropropane	7.500	77	112016	39.494	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	123258	50.953	ug/l	99
28) Bromochloromethane	7.824	49	72421	54.466	ug/l	99
29) Tetrahydrofuran	7.841	42	176305	261.629	ug/l	99
30) Chloroform	7.971	83	195204	52.994	ug/l	97
31) Cyclohexane	8.265	56	143858	43.997	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	173563	51.072	ug/l	99
36) 1,1-Dichloropropene	8.377	75	135214	48.419	ug/l	98
37) Ethyl Acetate	7.565	43	108800	48.525	ug/l	98
38) Carbon Tetrachloride	8.365	117	153708	47.698	ug/l	97
39) Methylcyclohexane	9.606	83	168800	47.668	ug/l	100
40) Benzene	8.612	78	429963	50.169	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	59957	52.151	ug/l	98
42) 1,2-Dichloroethane	8.677	62	143455	50.038	ug/l	99
43) Isopropyl Acetate	8.688	43	193570	51.713	ug/l	99
44) Trichloroethene	9.353	130	116089	48.015	ug/l	95
45) 1,2-Dichloropropane	9.624	63	104419	51.228	ug/l	96
46) Dibromomethane	9.712	93	79269	51.799	ug/l	99
47) Bromodichloromethane	9.888	83	156434	52.136	ug/l	95
48) Methyl methacrylate	9.682	41	90527	52.511	ug/l	99
49) 1,4-Dioxane	9.700	88	42379	1011.264	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	578947	250.833	ug/l	99
52) Toluene	10.635	92	294203	51.936	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	156024	52.651	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	169448	51.395	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	114788	51.537	ug/l	98
56) Ethyl methacrylate	10.876	69	162561	53.865	ug/l	99
57) 1,3-Dichloropropane	11.165	76	185020	51.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	255130	286.317	ug/l	100
59) 2-Hexanone	11.200	43	424819	253.339	ug/l	100
60) Dibromochloromethane	11.359	129	131589	53.691	ug/l	100
61) 1,2-Dibromoethane	11.470	107	117876	50.515	ug/l	99
64) Tetrachloroethene	11.106	164	100064	43.018	ug/l	93
65) Chlorobenzene	11.894	112	315806	48.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	118939	49.754	ug/l	98
67) Ethyl Benzene	11.965	91	559822	50.365	ug/l	97
68) m/p-Xylenes	12.070	106	451000	100.417	ug/l	99
69) o-Xylene	12.400	106	222242	50.993	ug/l	100
70) Styrene	12.412	104	368106	52.662	ug/l	100
71) Bromoform	12.582	173	94481	52.142	ug/l #	99
73) Isopropylbenzene	12.700	105	566944	49.193	ug/l	99
74) N-amyl acetate	12.494	43	174549	52.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161724	46.714	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137965m	42.801	ug/l	
77) Bromobenzene	12.982	156	138856	47.910	ug/l	99
78) n-propylbenzene	13.035	91	636682	49.785	ug/l	99
79) 2-Chlorotoluene	13.129	91	385167	48.784	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	480393	49.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41158	42.052	ug/l	97
82) 4-Chlorotoluene	13.129	91	385167	48.784	ug/l	99
83) tert-Butylbenzene	13.441	119	426105	48.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	489201	50.515	ug/l	100
85) sec-Butylbenzene	13.617	105	593755	49.429	ug/l	100
86) p-Isopropyltoluene	13.729	119	502441	49.989	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	258928	47.771	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	259963	47.152	ug/l	100
89) n-Butylbenzene	14.059	91	403356	50.070	ug/l	98
90) Hexachloroethane	14.335	117	89702	52.103	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	262128	48.601	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29349	51.590	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	133053	51.383	ug/l	99
94) Hexachlorobutadiene	15.500	225	67234	45.763	ug/l	99
95) Naphthalene	15.641	128	383019	50.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128181	50.378	ug/l	97

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

