

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076014.D
 Acq On : 28 Dec 2022 20:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/29/2022
 Supervised By : Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 04:58:35 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	341345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189952	51.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.177	113	175639	52.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.860%			
50) Toluene-d8	10.571	98	656905	52.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.853	95	223376	53.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97144	40.082	ug/l	98
3) Chloromethane	2.377	50	112812	37.432	ug/l	96
4) Vinyl Chloride	2.530	62	145790	40.554	ug/l	99
5) Bromomethane	2.942	94	122993	40.256	ug/l	92
6) Chloroethane	3.118	64	111759	41.980	ug/l	96
7) Trichlorofluoromethane	3.506	101	236966	43.440	ug/l	100
8) Diethyl Ether	3.977	74	94703	47.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	141557	45.445	ug/l	98
10) Methyl Iodide	4.600	142	226880	44.881	ug/l	99
11) Tert butyl alcohol	5.530	59	131874	250.970	ug/l	100
12) 1,1-Dichloroethene	4.348	96	133473	44.119	ug/l	94
13) Acrolein	4.189	56	186635	289.718	ug/l	98
14) Allyl chloride	5.036	41	176396m	49.878	ug/l	
15) Acrylonitrile	5.730	53	342457	238.822	ug/l	100
16) Acetone	4.442	43	262898	205.370	ug/l	98
17) Carbon Disulfide	4.724	76	271389	37.050	ug/l	100
18) Methyl Acetate	5.036	43	180348	47.662	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	505743	50.764	ug/l	94
20) Methylene Chloride	5.283	84	161388	47.091	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	146206	44.128	ug/l	94
22) Diisopropyl ether	6.683	45	425396	49.515	ug/l	100
23) Vinyl Acetate	6.612	43	1432655	247.756	ug/l	99
24) 1,1-Dichloroethane	6.583	63	267644	46.712	ug/l	99
25) 2-Butanone	7.488	43	429107	239.403	ug/l	97
26) 2,2-Dichloropropane	7.500	77	225306	46.434	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	187459	47.308	ug/l	99
28) Bromochloromethane	7.824	49	112717	44.884	ug/l	100
29) Tetrahydrofuran	7.841	42	277310	246.882	ug/l	99
30) Chloroform	7.977	83	304936	47.269	ug/l	94
31) Cyclohexane	8.265	56	217194	40.838	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	273884	47.889	ug/l	96
36) 1,1-Dichloropropene	8.377	75	206940	46.502	ug/l	99
37) Ethyl Acetate	7.571	43	172651	48.300	ug/l	97
38) Carbon Tetrachloride	8.371	117	237869	47.758	ug/l	99
39) Methylcyclohexane	9.606	83	258655	48.178	ug/l	97
40) Benzene	8.612	78	646615	47.094	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	94186	50.692	ug/l	98
42) 1,2-Dichloroethane	8.677	62	215536	47.218	ug/l	100
43) Isopropyl Acetate	8.694	43	347302	58.900	ug/l	94
44) Trichloroethene	9.359	130	174714	45.168	ug/l	95
45) 1,2-Dichloropropane	9.624	63	158925	47.566	ug/l	97
46) Dibromomethane	9.712	93	118964	48.005	ug/l	100
47) Bromodichloromethane	9.894	83	236862	48.740	ug/l	99
48) Methyl methacrylate	9.682	41	141344	53.222	ug/l	98
49) 1,4-Dioxane	9.694	88	64825	992.890	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	922400	258.670	ug/l	99
52) Toluene	10.635	92	432130	48.325	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	245970	51.705	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	265913	50.911	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	174660	49.763	ug/l	98
56) Ethyl methacrylate	10.877	69	252423	54.145	ug/l	98
57) 1,3-Dichloropropane	11.165	76	281449	48.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	399136	268.906	ug/l	100
59) 2-Hexanone	11.200	43	675026	259.573	ug/l	100
60) Dibromochloromethane	11.359	129	195877	50.183	ug/l	98
61) 1,2-Dibromoethane	11.471	107	178202	50.172	ug/l	100
64) Tetrachloroethene	11.106	164	149644	44.237	ug/l	98
65) Chlorobenzene	11.894	112	472764	47.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	184869	50.585	ug/l	99
67) Ethyl Benzene	11.965	91	836223	50.215	ug/l	100
68) m/p-Xylenes	12.076	106	676369	102.618	ug/l	99
69) o-Xylene	12.400	106	338664	51.922	ug/l	97
70) Styrene	12.412	104	552670	53.290	ug/l	100
71) Bromoform	12.582	173	144895	54.486	ug/l #	100
73) Isopropylbenzene	12.700	105	875473	51.191	ug/l	100
74) N-amyl acetate	12.494	43	277012	55.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	255425	48.313	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	213097m	44.670	ug/l	
77) Bromobenzene	12.982	156	208672	48.213	ug/l	99
78) n-propylbenzene	13.041	91	979535	51.930	ug/l	100
79) 2-Chlorotoluene	13.129	91	584733	49.660	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	738057	51.563	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	72750	54.892	ug/l	98
82) 4-Chlorotoluene	13.129	91	584733	49.660	ug/l	99
83) tert-Butylbenzene	13.441	119	666328	52.799	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	755223	53.186	ug/l	98
85) sec-Butylbenzene	13.618	105	931277	53.464	ug/l	99
86) p-Isopropyltoluene	13.735	119	787405	54.327	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	397864	49.764	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	392624	48.072	ug/l	99
89) n-Butylbenzene	14.059	91	634016	53.996	ug/l	100
90) Hexachloroethane	14.335	117	141073	54.413	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	392051	49.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43488	46.356	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	200557	51.442	ug/l	97
94) Hexachlorobutadiene	15.506	225	103078	48.459	ug/l	97
95) Naphthalene	15.647	128	613336	47.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	191178	52.465	ug/l	99

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

