

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076036.D
 Acq On : 29 Dec 2022 06:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 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 07:52:08 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	313592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171266	50.201	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	8.171	113	161362	50.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	10.571	98	595618	49.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.853	95	208493	52.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	87522	39.307	ug/l	96
3) Chloromethane	2.377	50	101379	36.615	ug/l	98
4) Vinyl Chloride	2.530	62	134674	40.777	ug/l	97
5) Bromomethane	2.942	94	113190	40.326	ug/l	94
6) Chloroethane	3.124	64	99832	40.818	ug/l	99
7) Trichlorofluoromethane	3.506	101	216317	43.164	ug/l	96
8) Diethyl Ether	3.971	74	86320	47.159	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	124780	43.604	ug/l	99
10) Methyl Iodide	4.601	142	206582	44.482	ug/l	100
11) Tert butyl alcohol	5.530	59	113815	235.771	ug/l	100
12) 1,1-Dichloroethene	4.359	96	123862	44.565	ug/l	93
13) Acrolein	4.195	56	160808	271.718	ug/l	99
14) Allyl chloride	5.042	41	157024m	48.330	ug/l	
15) Acrylonitrile	5.730	53	313643	238.085	ug/l	100
16) Acetone	4.442	43	243654	207.181	ug/l	97
17) Carbon Disulfide	4.724	76	241480	35.885	ug/l	99
18) Methyl Acetate	5.042	43	173627	49.946	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	456314	49.856	ug/l	97
20) Methylene Chloride	5.289	84	146597	46.554	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	134270	44.112	ug/l	97
22) Diisopropyl ether	6.677	45	387423	49.086	ug/l	99
23) Vinyl Acetate	6.612	43	1312467	247.058	ug/l	100
24) 1,1-Dichloroethane	6.577	63	242863	46.138	ug/l	100
25) 2-Butanone	7.489	43	388652	236.023	ug/l	99
26) 2,2-Dichloropropane	7.500	77	178542	40.053	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	168560	46.303	ug/l	99
28) Bromochloromethane	7.824	49	101707	44.084	ug/l	97
29) Tetrahydrofuran	7.847	42	253547	245.703	ug/l	99
30) Chloroform	7.977	83	275074	46.414	ug/l	94
31) Cyclohexane	8.265	56	189844	38.855	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	250641	47.703	ug/l	100
36) 1,1-Dichloropropene	8.377	75	188076	44.124	ug/l	100
37) Ethyl Acetate	7.571	43	161247	47.096	ug/l	97
38) Carbon Tetrachloride	8.371	117	220381	46.195	ug/l	99
39) Methylcyclohexane	9.606	83	221171	43.009	ug/l	99
40) Benzene	8.612	78	591958	45.011	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	87515	49.175	ug/l	98
42) 1,2-Dichloroethane	8.677	62	200310	45.814	ug/l	99
43) Isopropyl Acetate	8.694	43	339242m	60.066	ug/l	
44) Trichloroethene	9.359	130	161063	43.472	ug/l	97
45) 1,2-Dichloropropane	9.624	63	145643	45.509	ug/l	99
46) Dibromomethane	9.712	93	108069	45.528	ug/l	97
47) Bromodichloromethane	9.888	83	222826	47.870	ug/l	96
48) Methyl methacrylate	9.683	41	128569	50.543	ug/l	98
49) 1,4-Dioxane	9.700	88	57529	919.930	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	857890	251.170	ug/l	100
52) Toluene	10.635	92	397428	46.401	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	223313	49.009	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	237725	47.518	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	162898	48.455	ug/l	97
56) Ethyl methacrylate	10.877	69	231351	51.809	ug/l	98
57) 1,3-Dichloropropane	11.165	76	257841	46.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	376428	264.771	ug/l	99
59) 2-Hexanone	11.200	43	621270	249.418	ug/l	100
60) Dibromochloromethane	11.359	129	182804	48.895	ug/l	99
61) 1,2-Dibromoethane	11.471	107	164686	48.407	ug/l	99
64) Tetrachloroethene	11.106	164	136411	41.969	ug/l	98
65) Chlorobenzene	11.894	112	433617	45.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	170367	48.517	ug/l	98
67) Ethyl Benzene	11.965	91	773711	48.356	ug/l	100
68) m/p-Xylenes	12.071	106	614543	97.039	ug/l	99
69) o-Xylene	12.400	106	306043	48.833	ug/l	100
70) Styrene	12.412	104	511516	51.332	ug/l	99
71) Bromoform	12.582	173	134302	52.561	ug/l #	100
73) Isopropylbenzene	12.700	105	805807	48.651	ug/l	100
74) N-amyl acetate	12.494	43	251703	51.801	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	238924	46.662	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	199039m	43.081	ug/l	
77) Bromobenzene	12.982	156	195207	46.570	ug/l	98
78) n-propylbenzene	13.041	91	901879	49.369	ug/l	100
79) 2-Chlorotoluene	13.129	91	539086	47.273	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	681293	49.147	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	62528	48.715	ug/l	98
82) 4-Chlorotoluene	13.129	91	539086	47.273	ug/l	100
83) tert-Butylbenzene	13.441	119	607940	49.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	685971	49.881	ug/l	99
85) sec-Butylbenzene	13.618	105	845514	50.121	ug/l	99
86) p-Isopropyltoluene	13.729	119	722063	51.440	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	370875	47.898	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	360238	45.542	ug/l	100
89) n-Butylbenzene	14.059	91	564197	49.614	ug/l	100
90) Hexachloroethane	14.335	117	130680	52.045	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	370260	48.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42144	46.386	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	179316	47.490	ug/l	99
94) Hexachlorobutadiene	15.506	225	93535	45.404	ug/l	99
95) Naphthalene	15.641	128	542025	43.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	174507	49.448	ug/l	99

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

