

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069265.D
 Acq On : 28 Oct 2021 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 29 07:54:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	235322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	415965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	390560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	171833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	182937	53.853	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.700%			
35) Dibromofluoromethane	8.024	113	135298	52.178	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.360%			
50) Toluene-d8	10.443	98	551355	53.181	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.733	95	207187	52.959	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	133500	48.440	ug/l	99
3) Chloromethane	2.300	50	140123	49.792	ug/l	99
4) Vinyl Chloride	2.443	62	166650	48.880	ug/l	99
5) Bromomethane	2.840	94	108642	54.910	ug/l	98
6) Chloroethane	3.009	64	110738	54.004	ug/l	98
7) Trichlorofluoromethane	3.368	101	256619	61.486	ug/l	99
8) Diethyl Ether	3.818	74	92282	62.158	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	112271	50.713	ug/l	99
10) Methyl Iodide	4.414	142	150719	46.725	ug/l	97
11) Tert butyl alcohol	5.387	59	157971	239.804	ug/l	100
12) 1,1-Dichloroethene	4.173	96	110720	52.309	ug/l	98
13) Acrolein	4.038	56	35499	237.306	ug/l	99
14) Allyl chloride	4.835	41	189161	50.518	ug/l	96
15) Acrylonitrile	5.556	53	384940	268.645	ug/l	99
16) Acetone	4.288	43	326981	225.923	ug/l	99
17) Carbon Disulfide	4.521	76	270126	47.927	ug/l	100
18) Methyl Acetate	4.859	43	258335	52.524	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	436131	52.370	ug/l	98
20) Methylene Chloride	5.092	84	133582	48.119	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	117265	49.065	ug/l	97
22) Diisopropyl ether	6.500	45	418535	48.036	ug/l	99
23) Vinyl Acetate	6.436	43	1625202m	235.103	ug/l	
24) 1,1-Dichloroethane	6.388	63	234576	52.417	ug/l	99
25) 2-Butanone	7.340	43	536933	242.118	ug/l	97
26) 2,2-Dichloropropane	7.327	77	183035	41.792	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	146754	51.968	ug/l	98
28) Bromochloromethane	7.659	49	99385	44.325	ug/l	97
29) Tetrahydrofuran	7.689	42	358110	251.170	ug/l	97
30) Chloroform	7.817	83	257669	52.965	ug/l	99
31) Cyclohexane	8.094	56	218680	48.100	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	226423	47.592	ug/l	98
36) 1,1-Dichloropropene	8.222	75	184155	51.353	ug/l	98
37) Ethyl Acetate	7.418	43	218396	53.443	ug/l	100
38) Carbon Tetrachloride	8.206	117	190321	46.599	ug/l	100
39) Methylcyclohexane	9.461	83	218720	49.259	ug/l	97
40) Benzene	8.461	78	558558	51.784	ug/l	100

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41) Methacrylonitrile	7.638	41	103116	51.184	ug/l	94
42) 1,2-Dichloroethane	8.531	62	210904	51.958	ug/l	99
43) Isopropyl Acetate	8.563	43	345772	48.530	ug/l	99
44) Trichloroethene	9.217	130	136672	50.319	ug/l	99
45) 1,2-Dichloropropane	9.491	63	141114	51.387	ug/l	98
46) Dibromomethane	9.579	93	102071	52.316	ug/l	100
47) Bromodichloromethane	9.764	83	196518	47.103	ug/l	99
48) Methyl methacrylate	9.561	41	149941	48.615	ug/l	89
49) 1,4-Dioxane	9.571	88	70323	943.389	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1119822	241.614	ug/l	99
52) Toluene	10.507	92	364539	51.533	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	211205	44.773	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	223581	45.582	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	146701	51.692	ug/l	97
56) Ethyl methacrylate	10.762	69	244461	46.989	ug/l	98
57) 1,3-Dichloropropane	11.046	76	247733	52.328	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	337500	233.334	ug/l	99
59) 2-Hexanone	11.087	43	836479	236.269	ug/l	100
60) Dibromochloromethane	11.239	129	149205	46.330	ug/l	99
61) 1,2-Dibromoethane	11.347	107	154671	47.764	ug/l	98
64) Tetrachloroethene	10.979	164	124049	49.725	ug/l	98
65) Chlorobenzene	11.773	112	384551	50.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	144304	48.599	ug/l	100
67) Ethyl Benzene	11.846	91	722825	51.623	ug/l	99
68) m/p-Xylenes	11.956	106	541604	103.840	ug/l	100
69) o-Xylene	12.283	106	270288	51.490	ug/l	100
70) Styrene	12.296	104	446362	46.880	ug/l	99
71) Bromoform	12.460	173	107277	44.637	ug/l #	100
73) Isopropylbenzene	12.580	105	716806	49.627	ug/l	100
74) N-amyl acetate	12.390	43	285417	50.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	232586	50.444	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	199440m	44.130	ug/l	
77) Bromobenzene	12.862	156	163614	48.287	ug/l	98
78) n-propylbenzene	12.924	91	807849	49.411	ug/l	99
79) 2-Chlorotoluene	13.010	91	495971	48.167	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	597091	49.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	65115	43.059	ug/l	90
82) 4-Chlorotoluene	13.106	91	483337	47.592	ug/l	100
83) tert-Butylbenzene	13.326	119	515995	49.322	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	582124	49.636	ug/l	100
85) sec-Butylbenzene	13.503	105	721934	49.806	ug/l	100
86) p-Isopropyltoluene	13.618	119	578631	50.055	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	284638	48.015	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	277738	48.252	ug/l	99
89) n-Butylbenzene	13.946	91	459208	46.908	ug/l	99
90) Hexachloroethane	14.214	117	102345	44.918	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	280456	48.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	45824	48.002	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	125660	45.275	ug/l	100
94) Hexachlorobutadiene	15.372	225	67053	47.180	ug/l	99
95) Naphthalene	15.509	128	401063	46.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	126843	46.687	ug/l	100

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

