

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073256.D
 Acq On : 30 Jun 2022 10:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 08:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	266963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	446581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	408203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185927	48.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	7.945	113	148921	50.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	10.374	98	527713	50.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.020%		
62) 4-Bromofluorobenzene	12.668	95	218985	54.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	199550	51.127	ug/l	99
3) Chloromethane	2.269	50	174696	46.103	ug/l	99
4) Vinyl Chloride	2.410	62	155120	48.180	ug/l	99
5) Bromomethane	2.787	94	65007	42.748	ug/l	93
6) Chloroethane	2.957	64	90941	48.017	ug/l	96
7) Trichlorofluoromethane	3.316	101	269682	48.450	ug/l	97
8) Diethyl Ether	3.763	74	109854	48.482	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	155008	47.130	ug/l	99
10) Methyl Iodide	4.351	142	149978	37.985	ug/l	95
11) Tert butyl alcohol	5.281	59	203052	217.496	ug/l	100
12) 1,1-Dichloroethene	4.110	96	148679	47.310	ug/l	96
13) Acrolein	3.975	56	139460	236.336	ug/l	98
14) Allyl chloride	4.757	41	314243	47.465	ug/l #	94
15) Acrylonitrile	5.469	53	566777	235.832	ug/l	100
16) Acetone	4.216	43	489339	226.204	ug/l	94
17) Carbon Disulfide	4.457	76	391280	48.016	ug/l	98
18) Methyl Acetate	4.769	43	274116	45.217	ug/l #	89
19) Methyl tert-butyl Ether	5.522	73	555713	48.517	ug/l	98
20) Methylene Chloride	5.010	84	175418	46.141	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	155238	47.275	ug/l	91
22) Diisopropyl ether	6.404	45	609523	49.339	ug/l #	96
23) Vinyl Acetate	6.345	43	2771766	250.593	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	315172	49.299	ug/l	99
25) 2-Butanone	7.251	43	795319	230.919	ug/l #	88
26) 2,2-Dichloropropane	7.239	77	272390	46.068	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	186715	46.954	ug/l	95
28) Bromochloromethane	7.581	49	140737	52.563	ug/l	85
29) Tetrahydrofuran	7.604	42	538983	228.549	ug/l	87
30) Chloroform	7.745	83	311569	48.387	ug/l	98
31) Cyclohexane	8.022	56	288495	45.708	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	279380	48.687	ug/l	99
36) 1,1-Dichloropropene	8.145	75	228700	50.025	ug/l	99
37) Ethyl Acetate	7.333	43	325124	47.066	ug/l	95
38) Carbon Tetrachloride	8.133	117	237060	50.142	ug/l	99
39) Methylcyclohexane	9.392	83	289228	50.815	ug/l	95
40) Benzene	8.386	78	703685	49.875	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	162527	48.513	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	253406	49.547	ug/l	99
43) Isopropyl Acetate	8.492	43	498887	50.252	ug/l	94
44) Trichloroethene	9.145	130	173639	48.361	ug/l	96
45) 1,2-Dichloropropane	9.422	63	180711	50.251	ug/l	100
46) Dibromomethane	9.510	93	121148	49.615	ug/l	93
47) Bromodichloromethane	9.692	83	247200	52.271	ug/l	98
48) Methyl methacrylate	9.492	41	224039	48.740	ug/l	91
49) 1,4-Dioxane	9.498	88	79506	911.122	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1564373	248.483	ug/l	91
52) Toluene	10.439	92	436151	50.021	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	275183	52.857	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	291414	51.848	ug/l #	91
55) 1,1,2-Trichloroethane	10.833	97	174352	48.571	ug/l	98
56) Ethyl methacrylate	10.698	69	301086	51.893	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	303929	49.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	698690	270.016	ug/l	95
59) 2-Hexanone	11.021	43	1185855	247.104	ug/l	89
60) Dibromochloromethane	11.174	129	183082	53.495	ug/l	100
61) 1,2-Dibromoethane	11.280	107	183130	51.076	ug/l	100
64) Tetrachloroethene	10.910	164	157644	47.294	ug/l	95
65) Chlorobenzene	11.704	112	455865	49.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	167936	49.455	ug/l	99
67) Ethyl Benzene	11.780	91	844527	50.388	ug/l	99
68) m/p-Xylenes	11.892	106	641294	101.384	ug/l	95
69) o-Xylene	12.216	106	315559	48.868	ug/l	95
70) Styrene	12.233	104	524476	52.607	ug/l	98
71) Bromoform	12.398	173	132572	53.355	ug/l #	100
73) Isopropylbenzene	12.516	105	833830	47.646	ug/l	99
74) N-amyl acetate	12.327	43	411491	46.958	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	264326	45.516	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	222432m	41.975	ug/l	
77) Bromobenzene	12.798	156	189759	46.637	ug/l	89
78) n-propylbenzene	12.857	91	972625	50.028	ug/l	98
79) 2-Chlorotoluene	12.945	91	583289	47.404	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	694750	48.705	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	94983	49.156	ug/l	96
82) 4-Chlorotoluene	13.039	91	579516	48.648	ug/l	97
83) tert-Butylbenzene	13.257	119	610173	47.714	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	692187	48.604	ug/l	98
85) sec-Butylbenzene	13.439	105	859446	50.049	ug/l	99
86) p-Isopropyltoluene	13.551	119	705868	50.886	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	346971	47.534	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	347841	47.560	ug/l	98
89) n-Butylbenzene	13.880	91	612197	52.962	ug/l	98
90) Hexachloroethane	14.145	117	129490	50.090	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	348371	46.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	64062	45.386	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	196454	50.740	ug/l	98
94) Hexachlorobutadiene	15.298	225	82917	48.176	ug/l	99
95) Naphthalene	15.433	128	706639	45.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	191378	47.917	ug/l	97

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

