

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075552.D
 Acq On : 05 Dec 2022 12:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 03:23:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	104100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	166576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	156859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	30268	54.167	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.340%			
35) Dibromofluoromethane	8.171	113	36366	55.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.140%			
50) Toluene-d8	10.570	98	76307	51.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.853	95	62101	57.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	43888	55.135	ug/l	99
3) Chloromethane	2.371	50	53476	53.990	ug/l	100
4) Vinyl Chloride	2.524	62	65053	52.114	ug/l	90
5) Bromomethane	2.918	94	56983	51.911	ug/l	93
6) Chloroethane	3.095	64	51725	54.686	ug/l	98
7) Trichlorofluoromethane	3.494	101	90936	50.993	ug/l	95
8) Diethyl Ether	3.971	74	37610	60.174	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	53016	53.852	ug/l	94
10) Methyl Iodide	4.594	142	88973	55.774	ug/l	95
11) Tert butyl alcohol	5.541	59	64137	273.417	ug/l #	85
12) 1,1-Dichloroethene	4.347	96	50113	51.983	ug/l	84
13) Acrolein	4.189	56	63484	310.658	ug/l	97
14) Allyl chloride	5.024	41	71466	57.312	ug/l	94
15) Acrylonitrile	5.730	53	165335	307.211	ug/l	99
16) Acetone	4.436	43	155701	298.725	ug/l	96
17) Carbon Disulfide	4.718	76	126992	50.689	ug/l	99
18) Methyl Acetate	5.036	43	83874	64.199	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	192691	56.425	ug/l	99
20) Methylene Chloride	5.283	84	62034	58.920	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	54701	49.790	ug/l	99
22) Diisopropyl ether	6.677	45	164179	57.696	ug/l	98
23) Vinyl Acetate	6.612	43	667931m	295.042	ug/l	
24) 1,1-Dichloroethane	6.571	63	99644	54.554	ug/l	98
25) 2-Butanone	7.488	43	216041	296.887	ug/l	95
26) 2,2-Dichloropropane	7.494	77	82593	48.655	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	69418	55.879	ug/l	95
28) Bromochloromethane	7.818	49	39652	53.482	ug/l	87
29) Tetrahydrofuran	7.841	42	137757	311.226	ug/l	99
30) Chloroform	7.971	83	112309	53.544	ug/l	97
31) Cyclohexane	8.259	56	84129	47.387	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	97044	50.955	ug/l	96
36) 1,1-Dichloropropene	8.371	75	75665	53.023	ug/l	96
37) Ethyl Acetate	7.565	43	83805	65.222	ug/l	99
38) Carbon Tetrachloride	8.365	117	88662	56.559	ug/l	97
39) Methylcyclohexane	9.606	83	100731	56.401	ug/l	98
40) Benzene	8.606	78	243435	55.717	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	41453	63.102	ug/l	94
42) 1,2-Dichloroethane	8.676	62	87410	59.736	ug/l	97
43) Isopropyl Acetate	8.694	43	129544	62.810	ug/l	98
44) Trichloroethene	9.353	130	65900	55.124	ug/l	92
45) 1,2-Dichloropropane	9.623	63	59935	57.564	ug/l	98
46) Dibromomethane	9.712	93	47525	60.347	ug/l	91
47) Bromodichloromethane	9.888	83	92630	60.738	ug/l	97
48) Methyl methacrylate	9.682	41	60580	63.523	ug/l	96
49) 1,4-Dioxane	9.700	88	36248	1338.547	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	428274	326.023	ug/l	98
52) Toluene	10.629	92	162667	57.776	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	97957	63.980	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	104121	62.615	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	67499	58.862	ug/l	96
56) Ethyl methacrylate	10.876	69	99295	64.118	ug/l	99
57) 1,3-Dichloropropane	11.165	76	112049	59.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	179170	320.793	ug/l	98
59) 2-Hexanone	11.200	43	330900	335.459	ug/l	99
60) Dibromochloromethane	11.359	129	78931	67.058	ug/l	98
61) 1,2-Dibromoethane	11.470	107	71954	60.454	ug/l	99
64) Tetrachloroethene	11.106	164	58445	48.791	ug/l	93
65) Chlorobenzene	11.894	112	178336	55.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	69986	57.887	ug/l	98
67) Ethyl Benzene	11.964	91	310439	56.172	ug/l	98
68) m/p-Xylenes	12.076	106	255135	113.682	ug/l	99
69) o-Xylene	12.400	106	125363	56.220	ug/l	99
70) Styrene	12.412	104	211021	59.989	ug/l	99
71) Bromoform	12.582	173	65292	70.957	ug/l #	98
73) Isopropylbenzene	12.700	105	322081	52.742	ug/l	99
74) N-amyl acetate	12.500	43	112934	60.154	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	107835	57.920	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	95701m	60.555	ug/l	
77) Bromobenzene	12.982	156	81707	54.196	ug/l	89
78) n-propylbenzene	13.041	91	370391	54.348	ug/l	100
79) 2-Chlorotoluene	13.129	91	225298	54.867	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	286335	56.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38639	72.339	ug/l	92
82) 4-Chlorotoluene	13.129	91	225298	54.867	ug/l	98
83) tert-Butylbenzene	13.441	119	242434	52.408	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	290860	57.153	ug/l	99
85) sec-Butylbenzene	13.617	105	343510	54.728	ug/l	99
86) p-Isopropyltoluene	13.729	119	299211	56.659	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	159912	55.982	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	156572	53.959	ug/l	99
89) n-Butylbenzene	14.058	91	238782	53.536	ug/l	99
90) Hexachloroethane	14.335	117	55469	60.886	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	159259	57.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23322	66.128	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	85314	59.790	ug/l	98
94) Hexachlorobutadiene	15.505	225	40430	54.397	ug/l	98
95) Naphthalene	15.641	128	278950	62.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	83624	59.629	ug/l	99

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

