

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074080.D
 Acq On : 23 Aug 2022 20:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 01:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	436046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	715191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	637695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	305807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	276054	64.999	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.000%#			
35) Dibromofluoromethane	7.951	113	243390	57.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.080%			
50) Toluene-d8	10.381	98	835074	50.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.669	95	290696	53.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	197855	57.225	ug/l	98
3) Chloromethane	2.269	50	274761	71.462	ug/l	96
4) Vinyl Chloride	2.405	62	295200	59.807	ug/l	98
5) Bromomethane	2.781	94	173994	56.450	ug/l	96
6) Chloroethane	2.952	64	189602	54.375	ug/l	98
7) Trichlorofluoromethane	3.305	101	350444	55.039	ug/l	99
8) Diethyl Ether	3.763	74	156314	66.135	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	179205	48.450	ug/l	96
10) Methyl Iodide	4.346	142	267462	60.232	ug/l	98
11) Tert butyl alcohol	5.293	59	347298	365.576	ug/l	99
12) 1,1-Dichloroethene	4.110	96	194308	56.461	ug/l	92
13) Acrolein	3.981	56	152211	228.902	ug/l	99
14) Allyl chloride	4.757	41	334604	65.650	ug/l	93
15) Acrylonitrile	5.475	53	928098	400.153	ug/l	99
16) Acetone	4.222	43	760063	379.327	ug/l	95
17) Carbon Disulfide	4.451	76	488068	59.646	ug/l	100
18) Methyl Acetate	4.775	43	403372	82.186	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	790004	63.738	ug/l	98
20) Methylene Chloride	5.010	84	266704	63.078	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	216507	57.104	ug/l	98
22) Diisopropyl ether	6.410	45	765899	70.874	ug/l	99
23) Vinyl Acetate	6.351	43	3353076	362.079	ug/l	99
24) 1,1-Dichloroethane	6.304	63	438759	65.228	ug/l	99
25) 2-Butanone	7.257	43	1232816	388.033	ug/l	99
26) 2,2-Dichloropropane	7.251	77	202673	32.070	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	278309	59.495	ug/l	93
28) Bromochloromethane	7.587	49	170325	68.654	ug/l	97
29) Tetrahydrofuran	7.610	42	805246	395.108	ug/l	99
30) Chloroform	7.745	83	454571	60.435	ug/l	99
31) Cyclohexane	8.022	56	303029	51.183	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	360604	54.062	ug/l	97
36) 1,1-Dichloropropene	8.151	75	284113	48.362	ug/l	99
37) Ethyl Acetate	7.340	43	471824	66.294	ug/l	99
38) Carbon Tetrachloride	8.134	117	298345	44.430	ug/l	99
39) Methylcyclohexane	9.398	83	323216	43.909	ug/l	98
40) Benzene	8.392	78	1010737	54.512	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	216657	67.361	ug/l	94
42) 1,2-Dichloroethane	8.463	62	348932	54.731	ug/l	98
43) Isopropyl Acetate	8.498	43	632294	62.363	ug/l	99
44) Trichloroethene	9.151	130	242735	45.326	ug/l	96
45) 1,2-Dichloropropane	9.428	63	261420	58.823	ug/l	97
46) Dibromomethane	9.516	93	186716	55.261	ug/l	98
47) Bromodichloromethane	9.698	83	355885	55.107	ug/l	99
48) Methyl methacrylate	9.498	41	278669	64.234	ug/l	92
49) 1,4-Dioxane	9.504	88	170653	1322.757	ug/l	98
51) 4-Methyl-2-Pentanone	10.269	43	2291503	334.283	ug/l	98
52) Toluene	10.445	92	604008	47.507	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	339435	50.088	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	382770	51.623	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	276377	55.881	ug/l	99
56) Ethyl methacrylate	10.704	69	445966	63.222	ug/l	94
57) 1,3-Dichloropropane	10.986	76	467297	58.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	972309	295.339	ug/l	99
59) 2-Hexanone	11.028	43	1817550	344.517	ug/l	98
60) Dibromochloromethane	11.180	129	292865	53.547	ug/l	100
61) 1,2-Dibromoethane	11.286	107	288012	54.446	ug/l	99
64) Tetrachloroethene	10.916	164	201870	40.108	ug/l	96
65) Chlorobenzene	11.710	112	657950	48.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	260607	50.781	ug/l	99
67) Ethyl Benzene	11.786	91	1095602	48.610	ug/l	98
68) m/p-Xylenes	11.892	106	867373	94.716	ug/l	100
69) o-Xylene	12.222	106	445239	48.483	ug/l	98
70) Styrene	12.233	104	738050	51.335	ug/l	99
71) Bromoform	12.398	173	244589	53.381	ug/l	98
73) Isopropylbenzene	12.522	105	1068391	47.979	ug/l	99
74) N-amyl acetate	12.327	43	503982	59.869	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	457759	61.259	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	386756m	60.847	ug/l	
77) Bromobenzene	12.798	156	295398	49.009	ug/l	100
78) n-propylbenzene	12.863	91	1202457	50.658	ug/l	100
79) 2-Chlorotoluene	12.945	91	748775	50.620	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	907457	50.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	115660	51.754	ug/l	98
82) 4-Chlorotoluene	13.045	91	733127	52.183	ug/l	99
83) tert-Butylbenzene	13.263	119	801901	48.112	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	918825	50.800	ug/l	100
85) sec-Butylbenzene	13.439	105	1078716	49.929	ug/l	99
86) p-Isopropyltoluene	13.557	119	911839	49.541	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	504681	48.282	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	500650	47.261	ug/l	99
89) n-Butylbenzene	13.880	91	696832	47.799	ug/l	100
90) Hexachloroethane	14.151	117	165416	49.167	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	534810	49.547	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	107502	60.930	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	306352	46.632	ug/l	99
94) Hexachlorobutadiene	15.304	225	143254	41.367	ug/l	99
95) Naphthalene	15.433	128	1198535	55.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	333367	49.094	ug/l	99

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

