

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073650.D
 Acq On : 29 Jul 2022 21:29
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 01 04:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	379043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	618833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	578549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	288421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218223	47.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.480%		
35) Dibromofluoromethane	7.951	113	187355	48.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	10.380	98	749513	49.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.674	95	249682	49.053	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	166770	45.362	ug/l	99
3) Chloromethane	2.269	50	230389	52.253	ug/l	98
4) Vinyl Chloride	2.404	62	293087	45.582	ug/l	99
5) Bromomethane	2.787	94	172038	46.134	ug/l	100
6) Chloroethane	2.957	64	195081	52.107	ug/l	98
7) Trichlorofluoromethane	3.304	101	333877	50.384	ug/l	99
8) Diethyl Ether	3.763	74	115955	46.601	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	169407	46.207	ug/l	100
10) Methyl Iodide	4.345	142	216297	58.032	ug/l	97
11) Tert butyl alcohol	5.287	59	253046	254.009	ug/l	100
12) 1,1-Dichloroethene	4.110	96	168288	46.795	ug/l	93
13) Acrolein	3.975	56	264440	267.751	ug/l	96
14) Allyl chloride	4.757	41	261578	45.495	ug/l	98
15) Acrylonitrile	5.475	53	683142	247.902	ug/l	99
16) Acetone	4.222	43	555041	223.713	ug/l	100
17) Carbon Disulfide	4.457	76	436593	45.786	ug/l	99
18) Methyl Acetate	4.775	43	298736	48.398	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	620515	50.507	ug/l	99
20) Methylene Chloride	5.010	84	209227	52.227	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	185750	47.715	ug/l	94
22) Diisopropyl ether	6.416	45	602111	48.540	ug/l	99
23) Vinyl Acetate	6.351	43	2701039	259.715	ug/l	99
24) 1,1-Dichloroethane	6.304	63	356102	46.664	ug/l	98
25) 2-Butanone	7.257	43	927370	240.688	ug/l	100
26) 2,2-Dichloropropane	7.245	77	223373	38.045	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	232119	48.394	ug/l	93
28) Bromochloromethane	7.586	49	153629	47.946	ug/l	99
29) Tetrahydrofuran	7.610	42	610665	250.678	ug/l	98
30) Chloroform	7.745	83	379233	47.697	ug/l	98
31) Cyclohexane	8.022	56	312927	45.503	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	324512	49.155	ug/l	98
36) 1,1-Dichloropropene	8.151	75	267715	48.339	ug/l	99
37) Ethyl Acetate	7.339	43	358058	49.091	ug/l	98
38) Carbon Tetrachloride	8.133	117	273727	48.663	ug/l	98
39) Methylcyclohexane	9.392	83	331814	50.137	ug/l	96
40) Benzene	8.392	78	868147	48.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	145267	44.014	ug/l	91
42) 1,2-Dichloroethane	8.463	62	287402	47.417	ug/l	100
43) Isopropyl Acetate	8.492	43	499677	50.720	ug/l	99
44) Trichloroethene	9.151	130	216762	47.528	ug/l	96
45) 1,2-Dichloropropane	9.427	63	216765	48.221	ug/l	98
46) Dibromomethane	9.516	93	154136	49.404	ug/l	98
47) Bromodichloromethane	9.698	83	295560	49.358	ug/l	98
48) Methyl methacrylate	9.498	41	222081	51.500	ug/l	93
49) 1,4-Dioxane	9.510	88	125521	1032.597	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1821965	257.852	ug/l	100
52) Toluene	10.445	92	560194	50.996	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	306801	51.863	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	333702	50.059	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	232271	50.705	ug/l	99
56) Ethyl methacrylate	10.704	69	364011	57.655	ug/l	99
57) 1,3-Dichloropropane	10.986	76	383062	49.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	817473	244.889	ug/l	98
59) 2-Hexanone	11.027	43	1431306	267.362	ug/l	100
60) Dibromochloromethane	11.180	129	242550	53.223	ug/l	100
61) 1,2-Dibromoethane	11.286	107	243525	51.617	ug/l	100
64) Tetrachloroethene	10.916	164	213559	46.447	ug/l	99
65) Chlorobenzene	11.710	112	605442	49.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	227178	51.541	ug/l	99
67) Ethyl Benzene	11.786	91	1076375	51.919	ug/l	100
68) m/p-Xylenes	11.892	106	834088	105.485	ug/l	99
69) o-Xylene	12.221	106	416966	54.089	ug/l	98
70) Styrene	12.233	104	694215	56.256	ug/l	98
71) Bromoform	12.398	173	194223	53.385	ug/l	100
73) Isopropylbenzene	12.521	105	1075536	50.941	ug/l	100
74) N-amyl acetate	12.327	43	430593	53.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	367187	45.069	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	274052m	51.997	ug/l	
77) Bromobenzene	12.798	156	268679	48.867	ug/l	97
78) n-propylbenzene	12.863	91	1224675	51.552	ug/l	100
79) 2-Chlorotoluene	12.945	91	727130	49.041	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	898383	51.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	109156	49.046	ug/l	97
82) 4-Chlorotoluene	13.045	91	699930	49.808	ug/l	96
83) tert-Butylbenzene	13.262	119	830239	53.947	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	911527	53.354	ug/l	100
85) sec-Butylbenzene	13.439	105	1127979	53.030	ug/l	99
86) p-Isopropyltoluene	13.557	119	936621	55.858	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	483558	48.182	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	481034	47.905	ug/l	98
89) n-Butylbenzene	13.880	91	726655	53.261	ug/l	99
90) Hexachloroethane	14.151	117	165460	49.734	ug/l	100
91) 1,2-Dichlorobenzene	13.927	146	498819	49.049	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81356	49.700	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	278100	55.066	ug/l	99
94) Hexachlorobutadiene	15.304	225	134327	48.925	ug/l	100
95) Naphthalene	15.439	128	963800	58.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	286482	53.897	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

