

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070578.D
 Acq On : 12 Jan 2022 10:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 13 04:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

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 Dadoda
 01/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	842251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1381751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1284204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.670	152	570973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	603475	49.833	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	8.019	113	450726	53.913	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.820%		
50) Toluene-d8	10.438	98	1790351	52.422	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.840%		
62) 4-Bromofluorobenzene	12.726	95	696005	56.424	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	421697	44.149	ug/l	100
3) Chloromethane	2.303	50	609758	46.929	ug/l	100
4) Vinyl Chloride	2.451	62	562323	47.535	ug/l	99
5) Bromomethane	2.853	94	327947	53.711	ug/l	97
6) Chloroethane	3.022	64	362325	50.859	ug/l	99
7) Trichlorofluoromethane	3.382	101	717982	50.425	ug/l	98
8) Diethyl Ether	3.824	74	338785	53.974	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	458111	52.604	ug/l	95
10) Methyl Iodide	4.422	142	607592	51.553	ug/l	97
11) Tert butyl alcohol	5.372	59	438335	217.388	ug/l	97
12) 1,1-Dichloroethene	4.184	96	430476	50.184	ug/l	93
13) Acrolein	4.039	56	463526	283.319	ug/l	99
14) Allyl chloride	4.841	41	1043851	53.673	ug/l #	84
15) Acrylonitrile	5.549	53	1658903	263.646	ug/l	99
16) Acetone	4.283	43	1834035	233.301	ug/l	97
17) Carbon Disulfide	4.532	76	1080718	46.155	ug/l	99
18) Methyl Acetate	4.851	43	1156917	50.876	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	1756752	55.147	ug/l	94
20) Methylene Chloride	5.093	84	551076	50.666	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	462930	50.970	ug/l	86
22) Diisopropyl ether	6.493	45	2172207	57.344	ug/l #	90
23) Vinyl Acetate	6.428	43	8137770	276.887	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1044726	53.190	ug/l	98
25) 2-Butanone	7.329	43	2451611	247.681	ug/l	92
26) 2,2-Dichloropropane	7.324	77	792595	51.152	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	576924	53.236	ug/l	87
28) Bromochloromethane	7.654	49	545148	56.753	ug/l #	76
29) Tetrahydrofuran	7.681	42	1483126	251.136	ug/l	87
30) Chloroform	7.815	83	983889	51.924	ug/l	98
31) Cyclohexane	8.091	56	960329	50.253	ug/l	85
32) 1,1,1-Trichloroethane	8.011	97	787546	49.293	ug/l	97
36) 1,1-Dichloropropene	8.217	75	721928	52.200	ug/l	96
37) Ethyl Acetate	7.407	43	909848	50.754	ug/l	97
38) Carbon Tetrachloride	8.204	117	646792	48.976	ug/l	99
39) Methylcyclohexane	9.456	83	891300	53.233	ug/l	88
40) Benzene	8.456	78	2258314	53.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	470895	52.517	ug/l	90
42) 1,2-Dichloroethane	8.526	62	796805	49.997	ug/l	100
43) Isopropyl Acetate	8.555	43	1491662	52.776	ug/l #	96
44) Trichloroethene	9.212	130	521654	51.779	ug/l	92
45) 1,2-Dichloropropane	9.486	63	644793	56.481	ug/l	99
46) Dibromomethane	9.574	93	375469	52.892	ug/l	95
47) Bromodichloromethane	9.759	83	757895	53.769	ug/l	99
48) Methyl methacrylate	9.555	41	734710	54.498	ug/l #	80
49) 1,4-Dioxane	9.566	88	183814	931.434	ug/l #	81
51) 4-Methyl-2-Pentanone	10.325	43	4658332	262.296	ug/l	98
52) Toluene	10.500	92	1393255	54.287	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	864426	56.649	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	960890	58.211	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	559833	55.132	ug/l	97
56) Ethyl methacrylate	10.757	69	949288	56.578	ug/l	88
57) 1,3-Dichloropropane	11.041	76	994117	55.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1033780	241.865	ug/l	90
59) 2-Hexanone	11.082	43	3409747	263.275	ug/l	97
60) Dibromochloromethane	11.234	129	553676	55.884	ug/l	99
61) 1,2-Dibromoethane	11.342	107	553460	53.679	ug/l	99
64) Tetrachloroethene	10.974	164	469877	50.527	ug/l	96
65) Chlorobenzene	11.765	112	1460817	53.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	513435	52.782	ug/l	98
67) Ethyl Benzene	11.841	91	2721010	54.502	ug/l	96
68) m/p-Xylenes	11.950	106	2016064	110.938	ug/l	93
69) o-Xylene	12.278	106	1002288	55.449	ug/l	93
70) Styrene	12.291	104	1677302	58.629	ug/l	96
71) Bromoform	12.455	173	397721	55.091	ug/l #	99
73) Isopropylbenzene	12.575	105	2614151	49.302	ug/l	99
74) N-amyl acetate	12.385	43	1109294	49.756	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	854654	49.068	ug/l	99
76) 1,2,3-Trichloropropane	12.876	75	792193m	47.037	ug/l	
77) Bromobenzene	12.857	156	608572	49.992	ug/l	78
78) n-propylbenzene	12.916	91	3089092	52.581	ug/l	96
79) 2-Chlorotoluene	13.005	91	1882287	49.935	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	2166545	50.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	249416	53.370	ug/l	91
82) 4-Chlorotoluene	13.101	91	1833720	51.933	ug/l	92
83) tert-Butylbenzene	13.318	119	1891660	50.560	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	2142591	52.367	ug/l	98
85) sec-Butylbenzene	13.498	105	2671674	52.596	ug/l	97
86) p-Isopropyltoluene	13.611	119	2160654	54.149	ug/l	97
87) 1,3-Dichlorobenzene	13.611	146	1064035	52.214	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	1032436	51.360	ug/l	97
89) n-Butylbenzene	13.938	91	1826133	54.868	ug/l	97
90) Hexachloroethane	14.206	117	357123	51.518	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1017699	50.942	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	139210	45.322	ug/l	82
93) 1,2,4-Trichlorobenzene	15.260	180	518124	55.043	ug/l	98
94) Hexachlorobutadiene	15.367	225	315777	57.721	ug/l	99
95) Naphthalene	15.501	128	1282559	49.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	484929	53.794	ug/l	98

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

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