

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077370.D
 Acq On : 19 Apr 2023 12:57
 Operator : JC\MD
 Sample : VN0419WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02

Quant Time: Apr 20 04:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	508123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	949731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	868107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	360812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	340897	49.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	8.172	113	306190	50.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	10.572	98	1204790	49.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.854	95	401842	49.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	131136	20.220	ug/l	97
3) Chloromethane	2.372	50	120588	15.004	ug/l	97
4) Vinyl Chloride	2.525	62	162297	14.894	ug/l	100
5) Bromomethane	2.960	94	138879	17.580	ug/l	95
6) Chloroethane	3.131	64	120781	15.531	ug/l	93
7) Trichlorofluoromethane	3.507	101	212362	22.476	ug/l	95
8) Diethyl Ether	3.972	74	78788	19.899	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	126706	21.912	ug/l	96
10) Methyl Iodide	4.601	142	149559	21.267	ug/l	96
11) Tert butyl alcohol	5.531	59	113571	80.145	ug/l	97
12) 1,1-Dichloroethene	4.343	96	118463	19.902	ug/l	90
13) Acrolein	4.184	56	107890	80.389	ug/l	98
14) Allyl chloride	5.043	41	134123	14.919	ug/l #	82
15) Acrylonitrile	5.725	53	274248	87.541	ug/l	99
16) Acetone	4.437	43	242859	94.847	ug/l	99
17) Carbon Disulfide	4.725	76	284394	17.718	ug/l	99
18) Methyl Acetate	5.031	43	173989	17.841	ug/l	95
19) Methyl tert-butyl Ether	5.801	73	431016	20.407	ug/l	98
20) Methylene Chloride	5.284	84	140933	19.489	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	130311	19.995	ug/l	96
22) Diisopropyl ether	6.684	45	349461	19.389	ug/l	95
23) Vinyl Acetate	6.607	43	1276552m	104.751	ug/l	
24) 1,1-Dichloroethane	6.578	63	230546	19.809	ug/l	99
25) 2-Butanone	7.489	43	363433	87.455	ug/l	96
26) 2,2-Dichloropropane	7.501	77	241472	22.626	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	163101	20.494	ug/l	99
28) Bromochloromethane	7.819	49	104711	22.366	ug/l	88
29) Tetrahydrofuran	7.848	42	223035	83.491	ug/l	95
30) Chloroform	7.972	83	262323	21.136	ug/l	99
31) Cyclohexane	8.266	56	196808	18.238	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	242996	21.528	ug/l	94
36) 1,1-Dichloropropene	8.378	75	190907	21.230	ug/l	98
37) Ethyl Acetate	7.560	43	145632	18.101	ug/l	99
38) Carbon Tetrachloride	8.366	117	209252	22.713	ug/l	95
39) Methylcyclohexane	9.601	83	246856	20.359	ug/l	97
40) Benzene	8.613	78	575523	20.519	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	70237	16.241	ug/l	89
42) 1,2-Dichloroethane	8.672	62	190510	22.069	ug/l	99
43) Isopropyl Acetate	8.689	43	262359	17.672	ug/l	97
44) Trichloroethene	9.360	130	149945	22.343	ug/l	97
45) 1,2-Dichloropropane	9.625	63	143339	21.518	ug/l	94
46) Dibromomethane	9.713	93	106159	21.152	ug/l	96
47) Bromodichloromethane	9.889	83	217114	21.643	ug/l	91
48) Methyl methacrylate	9.683	41	114072	18.012	ug/l	95
49) 1,4-Dioxane	9.701	88	54198	352.988	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	771113	89.862	ug/l	98
52) Toluene	10.630	92	393675	21.444	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	232946	21.385	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	242728	20.920	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	157771	21.893	ug/l	97
56) Ethyl methacrylate	10.877	69	225857	20.121	ug/l	97
57) 1,3-Dichloropropane	11.166	76	255703	21.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	306217	91.644	ug/l	97
59) 2-Hexanone	11.195	43	574241	89.824	ug/l	100
60) Dibromochloromethane	11.360	129	168356	22.683	ug/l	99
61) 1,2-Dibromoethane	11.472	107	156803	21.799	ug/l	98
64) Tetrachloroethene	11.107	164	119603	22.302	ug/l	95
65) Chlorobenzene	11.895	112	419387	21.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	154957	21.428	ug/l	100
67) Ethyl Benzene	11.966	91	755960	21.435	ug/l	98
68) m/p-Xylenes	12.071	106	586791	42.344	ug/l	100
69) o-Xylene	12.401	106	290976	21.284	ug/l	98
70) Styrene	12.413	104	468221	21.283	ug/l	99
71) Bromoform	12.577	173	107479	21.113	ug/l #	99
73) Isopropylbenzene	12.701	105	766850	21.882	ug/l	99
74) N-amyl acetate	12.495	43	225933	17.012	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	220833	20.079	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	187066m	21.772	ug/l	
77) Bromobenzene	12.983	156	162598	22.818	ug/l	90
78) n-propylbenzene	13.042	91	849671	21.943	ug/l	99
79) 2-Chlorotoluene	13.130	91	507709	21.775	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	610198	21.800	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	78600	20.586	ug/l #	82
82) 4-Chlorotoluene	13.224	91	486518	22.131	ug/l	98
83) tert-Butylbenzene	13.442	119	535163	21.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	573768	20.749	ug/l	99
85) sec-Butylbenzene	13.618	105	767761	22.111	ug/l	100
86) p-Isopropyltoluene	13.730	119	616500	22.592	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	294766	22.359	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	286343	22.025	ug/l	97
89) n-Butylbenzene	14.060	91	488997	21.585	ug/l	98
90) Hexachloroethane	14.336	117	123313	20.667	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	290017	21.990	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	39513	18.957	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	77630	16.306	ug/l	100
94) Hexachlorobutadiene	15.465	225	61136	22.184	ug/l	98
95) Naphthalene	15.589	128	284239	15.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	70144	15.403	ug/l	98

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

