

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077580.D
 Acq On : 04 May 2023 15:35
 Operator : JC\MD
 Sample : VN0504WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2023
 Supervised By : Mahesh Dadoda 05/05/2023

Quant Time: May 05 04:10:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	812896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1489452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1347227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	556517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	495613	46.724	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.440%		
35) Dibromofluoromethane	8.172	113	478761	53.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.960%		
50) Toluene-d8	10.572	98	1759828	51.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.854	95	618992	55.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	189326	18.441	ug/l	98
3) Chloromethane	2.372	50	129790	15.928	ug/l	99
4) Vinyl Chloride	2.525	62	179551	16.541	ug/l	92
5) Bromomethane	2.960	94	169009	17.974	ug/l	100
6) Chloroethane	3.131	64	127043	15.405	ug/l	96
7) Trichlorofluoromethane	3.507	101	313500	19.650	ug/l	99
8) Diethyl Ether	3.972	74	110449	19.051	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	185245	19.964	ug/l	98
10) Methyl Iodide	4.601	142	230349	20.207	ug/l	95
11) Tert butyl alcohol	5.531	59	134714	79.111	ug/l	100
12) 1,1-Dichloroethene	4.349	96	167772	18.494	ug/l	98
13) Acrolein	4.190	56	93418	55.147	ug/l	97
14) Allyl chloride	5.031	41	166512	16.510	ug/l	94
15) Acrylonitrile	5.731	53	334517	86.595	ug/l	99
16) Acetone	4.437	43	281843	83.518	ug/l	93
17) Carbon Disulfide	4.725	76	393028	17.050	ug/l	99
18) Methyl Acetate	5.037	43	215534	16.539	ug/l	93
19) Methyl tert-butyl Ether	5.807	73	584197	19.364	ug/l	95
20) Methylene Chloride	5.290	84	201972	18.872	ug/l	86
21) trans-1,2-Dichloroethene	5.790	96	190315	19.401	ug/l	93
22) Diisopropyl ether	6.678	45	391132	16.897	ug/l	92
23) Vinyl Acetate	6.613	43	1359634m	94.053	ug/l	
24) 1,1-Dichloroethane	6.578	63	301897	18.425	ug/l	98
25) 2-Butanone	7.489	43	392713	82.048	ug/l	92
26) 2,2-Dichloropropane	7.495	77	288750	18.175	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	231088	19.891	ug/l	92
28) Bromochloromethane	7.819	49	109885	17.562	ug/l #	76
29) Tetrahydrofuran	7.842	42	246567	82.219	ug/l	88
30) Chloroform	7.972	83	368263	19.943	ug/l	95
31) Cyclohexane	8.266	56	243880	16.230	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	344184	20.274	ug/l	94
36) 1,1-Dichloropropene	8.378	75	252570	19.528	ug/l	98
37) Ethyl Acetate	7.566	43	160543	16.335	ug/l	96
38) Carbon Tetrachloride	8.372	117	300631	21.068	ug/l	93
39) Methylcyclohexane	9.601	83	344917	20.242	ug/l	97
40) Benzene	8.607	78	798125	20.257	ug/l	98

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41) Methacrylonitrile	7.784	41	85310	16.666	ug/l	91
42) 1,2-Dichloroethane	8.672	62	254212	18.785	ug/l	95
43) Isopropyl Acetate	8.689	43	281720	16.570	ug/l #	91
44) Trichloroethene	9.354	130	214952	21.308	ug/l	98
45) 1,2-Dichloropropane	9.625	63	171836	18.618	ug/l	91
46) Dibromomethane	9.707	93	151921	20.286	ug/l	93
47) Bromodichloromethane	9.889	83	295185	20.378	ug/l	97
48) Methyl methacrylate	9.683	41	124973	16.148	ug/l	87
49) 1,4-Dioxane	9.701	88	76048	391.742	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	821544	82.380	ug/l	94
52) Toluene	10.630	92	552924	21.422	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	296275	20.199	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	314500	19.698	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	216398	20.849	ug/l	96
56) Ethyl methacrylate	10.878	69	284364	19.552	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	338603	20.481	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	421175	85.618	ug/l	91
59) 2-Hexanone	11.195	43	597843	82.473	ug/l	92
60) Dibromochloromethane	11.360	129	228042	21.170	ug/l	97
61) 1,2-Dibromoethane	11.472	107	226705	21.394	ug/l	100
64) Tetrachloroethene	11.107	164	173341	21.494	ug/l	96
65) Chlorobenzene	11.895	112	590762	20.722	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	215564	20.783	ug/l	98
67) Ethyl Benzene	11.966	91	1025996	20.444	ug/l	99
68) m/p-Xylenes	12.072	106	841174	43.126	ug/l	97
69) o-Xylene	12.401	106	412311	21.491	ug/l	98
70) Styrene	12.413	104	656882	21.894	ug/l	98
71) Bromoform	12.583	173	140540	20.711	ug/l #	99
73) Isopropylbenzene	12.701	105	1061753	20.560	ug/l	98
74) N-amyl acetate	12.495	43	226443	14.811	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.942	83	298864	18.419	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	249072m	19.246	ug/l	
77) Bromobenzene	12.983	156	228084	20.265	ug/l	93
78) n-propylbenzene	13.036	91	1141126	19.984	ug/l	98
79) 2-Chlorotoluene	13.130	91	694739	19.734	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	827639	21.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	88585	19.339	ug/l	93
82) 4-Chlorotoluene	13.224	91	685399	20.834	ug/l	99
83) tert-Butylbenzene	13.442	119	758238	20.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	769983	21.498	ug/l	98
85) sec-Butylbenzene	13.619	105	1053260	20.603	ug/l	98
86) p-Isopropyltoluene	13.736	119	826902	21.023	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	416950	20.831	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	410174	20.754	ug/l	99
89) n-Butylbenzene	14.060	91	612183	20.112	ug/l	98
90) Hexachloroethane	14.336	117	152244	17.520	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	411838	20.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	51805	17.265	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	98712	20.507	ug/l	96
94) Hexachlorobutadiene	15.507	225	88453	22.048	ug/l	96
95) Naphthalene	15.642	128	357130	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	91992	20.400	ug/l	95

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

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