

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077514.D
 Acq On : 29 Apr 2023 13:02
 Operator : JC\MD
 Sample : VN0429WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Quant Time: May 01 01:22:40 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

Manual Integrations APPROVED

Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	617441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1143877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1009558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	401695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	383755	47.631	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.260%		
35) Dibromofluoromethane	8.172	113	331873	48.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.540%		
50) Toluene-d8	10.566	98	1277397	48.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.848	95	425641	49.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	129775	16.672	ug/l	99
3) Chloromethane	2.372	50	100341	16.212	ug/l	97
4) Vinyl Chloride	2.525	62	134137	16.269	ug/l	99
5) Bromomethane	2.954	94	108333	15.168	ug/l	96
6) Chloroethane	3.125	64	91107	14.545	ug/l	97
7) Trichlorofluoromethane	3.507	101	211977	17.492	ug/l	100
8) Diethyl Ether	3.972	74	74575	16.935	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	126433	17.939	ug/l	99
10) Methyl Iodide	4.596	142	142680	16.478	ug/l	97
11) Tert butyl alcohol	5.525	59	96088	74.290	ug/l	100
12) 1,1-Dichloroethene	4.354	96	113193	16.428	ug/l	94
13) Acrolein	4.190	56	99883	77.629	ug/l	99
14) Allyl chloride	5.037	41	128652	16.794	ug/l	93
15) Acrylonitrile	5.731	53	236817	80.710	ug/l	98
16) Acetone	4.437	43	221938	86.585	ug/l	98
17) Carbon Disulfide	4.719	76	269944	15.418	ug/l #	95
18) Methyl Acetate	5.037	43	158453	16.008	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	398830	17.405	ug/l	96
20) Methylene Chloride	5.284	84	136521	16.795	ug/l	89
21) trans-1,2-Dichloroethene	5.790	96	123766	16.611	ug/l	95
22) Diisopropyl ether	6.678	45	301918	17.172	ug/l	98
23) Vinyl Acetate	6.607	43	906027	82.514	ug/l	98
24) 1,1-Dichloroethane	6.572	63	219408	17.630	ug/l	97
25) 2-Butanone	7.489	43	295366	81.245	ug/l	96
26) 2,2-Dichloropropane	7.489	77	213661	17.705	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	151599	17.180	ug/l	99
28) Bromochloromethane	7.819	49	85907	18.076	ug/l	93
29) Tetrahydrofuran	7.842	42	177922	78.110	ug/l	99
30) Chloroform	7.972	83	254501	18.145	ug/l	93
31) Cyclohexane	8.260	56	189829	16.632	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	232172	18.005	ug/l	97
36) 1,1-Dichloropropene	8.378	75	178463	17.967	ug/l	98
37) Ethyl Acetate	7.566	43	121856	16.145	ug/l	98
38) Carbon Tetrachloride	8.366	117	199275	18.184	ug/l	100
39) Methylcyclohexane	9.607	83	228006	17.423	ug/l	99
40) Benzene	8.613	78	538881	17.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	65383	16.632	ug/l	98
42) 1,2-Dichloroethane	8.672	62	191845	18.459	ug/l	100
43) Isopropyl Acetate	8.689	43	212024	16.238	ug/l	95
44) Trichloroethene	9.354	130	141586	18.275	ug/l	99
45) 1,2-Dichloropropane	9.625	63	125960	17.771	ug/l	95
46) Dibromomethane	9.713	93	101262	17.607	ug/l	99
47) Bromodichloromethane	9.889	83	197980	17.796	ug/l	97
48) Methyl methacrylate	9.678	41	94124	15.836	ug/l	97
49) 1,4-Dioxane	9.695	88	48530	325.515	ug/l	98
51) 4-Methyl-2-Pentanone	10.442	43	616524	80.499	ug/l	100
52) Toluene	10.630	92	357136	18.017	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	197748	17.554	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	219271	17.883	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	139971	17.560	ug/l	95
56) Ethyl methacrylate	10.878	69	192828	17.264	ug/l	94
57) 1,3-Dichloropropane	11.166	76	231816	18.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	328905	87.060	ug/l	99
59) 2-Hexanone	11.195	43	449274	80.701	ug/l	99
60) Dibromochloromethane	11.360	129	142330	17.205	ug/l	97
61) 1,2-Dibromoethane	11.472	107	141400	17.375	ug/l	97
64) Tetrachloroethene	11.107	164	109984	18.199	ug/l	98
65) Chlorobenzene	11.895	112	384270	17.988	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	140372	18.060	ug/l	99
67) Ethyl Benzene	11.966	91	687994	18.294	ug/l	97
68) m/p-Xylenes	12.072	106	537036	36.742	ug/l	99
69) o-Xylene	12.401	106	266824	18.560	ug/l	99
70) Styrene	12.413	104	418616	18.619	ug/l	99
71) Bromoform	12.583	173	86696	17.049	ug/l #	100
73) Isopropylbenzene	12.695	105	688805	18.479	ug/l	99
74) N-amyl acetate	12.495	43	169687	15.376	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	197059	16.825	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	139059m	14.887	ug/l	
77) Bromobenzene	12.983	156	142910	17.591	ug/l	99
78) n-propylbenzene	13.036	91	763651	18.528	ug/l	99
79) 2-Chlorotoluene	13.130	91	464232	18.269	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	511454	18.476	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	51829	15.676	ug/l #	87
82) 4-Chlorotoluene	13.224	91	438348	18.460	ug/l	100
83) tert-Butylbenzene	13.442	119	481129	17.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	471194	18.226	ug/l	99
85) sec-Butylbenzene	13.618	105	687479	18.631	ug/l	99
86) p-Isopropyltoluene	13.736	119	526361	18.540	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	254014	17.582	ug/l	100
88) 1,4-Dichlorobenzene	13.819	146	248088	17.391	ug/l	98
89) n-Butylbenzene	14.060	91	399083	18.164	ug/l	99
90) Hexachloroethane	14.336	117	105520	16.823	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	246521	17.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	33519	15.476	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	50218	15.430	ug/l	91
94) Hexachlorobutadiene	15.501	225	52262	18.048	ug/l	96
95) Naphthalene	15.648	128	178527	15.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	48221	15.685	ug/l	98

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

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