

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074598.D
 Acq On : 19 Sep 2022 20:08
 Operator : JC\MD
 Sample : N4647-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1035-MW-02(23.8)MS

Quant Time: Sep 20 04:22:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	300875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	473671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	210229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	248359	48.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	7.951	113	194165	52.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.800%		
50) Toluene-d8	10.381	98	715597	50.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.675	95	241705	49.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	142679	43.572	ug/l	100
3) Chloromethane	2.263	50	288972	52.453	ug/l	99
4) Vinyl Chloride	2.405	62	350202	59.415	ug/l	98
5) Bromomethane	2.781	94	200090	64.372	ug/l	97
6) Chloroethane	2.940	64	212338	52.740	ug/l	91
7) Trichlorofluoromethane	3.299	101	435448	66.900	ug/l	96
8) Diethyl Ether	3.763	74	151100	45.522	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.128	101	180083	44.720	ug/l	90
10) Methyl Iodide	4.340	142	225063	47.377	ug/l	94
11) Tert butyl alcohol	5.293	59	362373	217.904	ug/l	100
12) 1,1-Dichloroethene	4.110	96	178749	45.134	ug/l	92
13) Acrolein	3.981	56	169599	279.264	ug/l	97
14) Allyl chloride	4.752	41	433233	45.786	ug/l #	94
15) Acrylonitrile	5.469	53	900525	241.033	ug/l	99
16) Acetone	4.216	43	865271	264.874	ug/l	94
17) Carbon Disulfide	4.452	76	439183	40.418	ug/l	99
18) Methyl Acetate	4.775	43	438827	43.250	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	768667	46.025	ug/l	93
20) Methylene Chloride	5.010	84	226971	45.512	ug/l #	81
21) trans-1,2-Dichloroethene	5.510	96	193189	44.434	ug/l	93
22) Diisopropyl ether	6.404	45	901960	47.471	ug/l #	91
23) Vinyl Acetate	6.351	43	3645459	217.533	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	422521	44.488	ug/l	97
25) 2-Butanone	7.257	43	1382705	254.934	ug/l	89
26) 2,2-Dichloropropane	7.245	77	240994	29.432	ug/l	91
27) cis-1,2-Dichloroethene	7.245	96	456616	81.961	ug/l	97
28) Bromochloromethane	7.581	49	124701	44.583	ug/l #	65
29) Tetrahydrofuran	7.610	42	871293	244.329	ug/l #	83
30) Chloroform	7.745	83	396421	45.223	ug/l	94
31) Cyclohexane	8.022	56	378170	41.734	ug/l #	82
32) 1,1,1-Trichloroethane	7.940	97	324067	42.151	ug/l	95
36) 1,1-Dichloropropene	8.151	75	286620	44.121	ug/l	95
37) Ethyl Acetate	7.340	43	459644	45.816	ug/l #	93
38) Carbon Tetrachloride	8.134	117	265278	44.229	ug/l	100
39) Methylcyclohexane	9.392	83	327904	42.449	ug/l	91
40) Benzene	8.392	78	914840	45.541	ug/l	97

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41) Methacrylonitrile	7.563	41	225684	46.530	ug/l	91
42) 1,2-Dichloroethane	8.463	62	318968	46.270	ug/l	97
43) Isopropyl Acetate	8.498	43	753252	47.933	ug/l #	89
44) Trichloroethene	9.151	130	358659	82.511	ug/l	84
45) 1,2-Dichloropropane	9.428	63	250978	45.461	ug/l	100
46) Dibromomethane	9.516	93	159723	46.194	ug/l #	82
47) Bromodichloromethane	9.704	83	308158	45.458	ug/l	100
48) Methyl methacrylate	9.498	41	335112	48.093	ug/l #	84
49) 1,4-Dioxane	9.504	88	129343	965.501	ug/l #	88
51) 4-Methyl-2-Pentanone	10.275	43	2667177	259.909	ug/l	89
52) Toluene	10.445	92	873090	74.118	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	342236	43.318	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	362258	42.846	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	222890	44.671	ug/l	94
56) Ethyl methacrylate	10.704	69	422523	47.406	ug/l #	77
57) 1,3-Dichloropropane	10.986	76	408642	46.711	ug/l	99
59) 2-Hexanone	11.028	43	2077035	265.136	ug/l	86
60) Dibromochloromethane	11.181	129	214786	44.966	ug/l	99
61) 1,2-Dibromoethane	11.286	107	219809	45.347	ug/l	98
64) Tetrachloroethene	10.916	164	586011	180.274	ug/l	92
65) Chlorobenzene	11.710	112	547363	46.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	197096	45.619	ug/l	99
67) Ethyl Benzene	11.786	91	1154860	52.897	ug/l	96
68) m/p-Xylenes	11.892	106	1081629	133.997	ug/l	92
69) o-Xylene	12.222	106	493097	59.913	ug/l	94
70) Styrene	12.239	104	668293	48.815	ug/l	96
71) Bromoform	12.398	173	150230	47.310	ug/l #	99
73) Isopropylbenzene	12.522	105	1022859	47.518	ug/l	98
74) N-amyl acetate	12.333	43	630262	46.829	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	403355	46.759	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	311530m	48.143	ug/l	
77) Bromobenzene	12.804	156	214815	46.716	ug/l	77
78) n-propylbenzene	12.863	91	1230001	47.976	ug/l	95
79) 2-Chlorotoluene	12.951	91	719578	47.017	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	848987	48.382	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	125305	41.794	ug/l	97
82) 4-Chlorotoluene	13.045	91	679307	46.697	ug/l	97
83) tert-Butylbenzene	13.269	119	723128	45.281	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	954826	54.071	ug/l	97
85) sec-Butylbenzene	13.445	105	1047589	47.774	ug/l	96
86) p-Isopropyltoluene	13.557	119	823216	48.156	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	396030	46.868	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	393955	46.389	ug/l	99
89) n-Butylbenzene	13.886	91	737547	47.867	ug/l	96
90) Hexachloroethane	14.151	117	165022	44.366	ug/l	73
91) 1,2-Dichlorobenzene	13.927	146	401160	45.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	87794	46.091	ug/l	76
93) 1,2,4-Trichlorobenzene	15.198	180	193187	46.257	ug/l	97
94) Hexachlorobutadiene	15.304	225	79968	43.568	ug/l	99
95) Naphthalene	15.439	128	1027882	56.895	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	189303	43.909	ug/l	97

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

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