

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072435.D
 Acq On : 11 May 2022 23:43
 Operator : JC\MD
 Sample : VN0511WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS02

Quant Time: May 12 02:18:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	188978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	313741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	283354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	118646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	147558	50.978	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.960%		
35) Dibromofluoromethane	8.022	113	100516	48.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.320%		
50) Toluene-d8	10.439	98	377052	47.431	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.860%		
62) 4-Bromofluorobenzene	12.727	95	129234	48.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	42071	17.850	ug/l	95
3) Chloromethane	2.298	50	36526	15.657	ug/l	100
4) Vinyl Chloride	2.446	62	30380	15.138	ug/l	99
5) Bromomethane	2.840	94	20939	17.525	ug/l	92
6) Chloroethane	3.004	64	19662	17.765	ug/l	94
7) Trichlorofluoromethane	3.363	101	69714	18.743	ug/l	97
8) Diethyl Ether	3.822	74	22453	16.733	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	35168	17.328	ug/l	97
10) Methyl Iodide	4.422	142	44267	16.454	ug/l #	85
11) Tert butyl alcohol	5.375	59	42575	89.955	ug/l	98
12) 1,1-Dichloroethene	4.181	96	32348	17.010	ug/l	96
13) Acrolein	4.040	56	40442	87.336	ug/l	96
14) Allyl chloride	4.839	41	56302	15.901	ug/l	92
15) Acrylonitrile	5.557	53	109733	85.322	ug/l	99
16) Acetone	4.287	43	102688	89.580	ug/l #	88
17) Carbon Disulfide	4.528	76	80004	16.222	ug/l	98
18) Methyl Acetate	4.857	43	58486	17.329	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	126083	18.347	ug/l	98
20) Methylene Chloride	5.092	84	38753	16.488	ug/l #	86
21) trans-1,2-Dichloroethene	5.604	96	34602	17.392	ug/l	98
22) Diisopropyl ether	6.498	45	123700	17.193	ug/l	97
23) Vinyl Acetate	6.433	43	518600	86.145	ug/l #	93
24) 1,1-Dichloroethane	6.392	63	69193	17.042	ug/l	97
25) 2-Butanone	7.333	43	155093	85.725	ug/l	95
26) 2,2-Dichloropropane	7.322	77	52542	15.400	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	41398	17.308	ug/l	93
28) Bromochloromethane	7.657	49	31961	18.540	ug/l	91
29) Tetrahydrofuran	7.680	42	101607	86.415	ug/l	94
30) Chloroform	7.816	83	75644	18.314	ug/l	95
31) Cyclohexane	8.092	56	62321	16.249	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	71626	18.906	ug/l	100
36) 1,1-Dichloropropene	8.222	75	52240	17.425	ug/l	99
37) Ethyl Acetate	7.404	43	61458	17.086	ug/l	97
38) Carbon Tetrachloride	8.204	117	62940	18.758	ug/l	97
39) Methylcyclohexane	9.457	83	56355	16.726	ug/l	96
40) Benzene	8.457	78	152104	16.984	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	30790	17.288	ug/l	89
42) 1,2-Dichloroethane	8.533	62	67988	18.887	ug/l	96
43) Isopropyl Acetate	8.557	43	98667	17.859	ug/l	95
44) Trichloroethene	9.216	130	39662	17.445	ug/l	100
45) 1,2-Dichloropropane	9.492	63	40116	17.540	ug/l	99
46) Dibromomethane	9.574	93	29248	18.366	ug/l	95
47) Bromodichloromethane	9.757	83	60201	18.543	ug/l #	99
48) Methyl methacrylate	9.557	41	42794	16.602	ug/l #	90
49) 1,4-Dioxane	9.563	88	17641	401.194	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	304605	88.789	ug/l	95
52) Toluene	10.498	92	99332	17.987	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	56790	17.184	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	62631	17.763	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	40398	17.560	ug/l	96
56) Ethyl methacrylate	10.757	69	58674	17.795	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	69905	17.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	98251	119.927	ug/l	97
59) 2-Hexanone	11.080	43	222102	92.330	ug/l	91
60) Dibromochloromethane	11.233	129	45597	18.658	ug/l	100
61) 1,2-Dibromoethane	11.345	107	41936	18.291	ug/l	97
64) Tetrachloroethene	10.974	164	36782	18.034	ug/l	95
65) Chlorobenzene	11.763	112	100663	17.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	42328	18.267	ug/l	97
67) Ethyl Benzene	11.839	91	184585	18.480	ug/l	95
68) m/p-Xylenes	11.951	106	142274	37.556	ug/l	95
69) o-Xylene	12.274	106	70106	18.835	ug/l	96
70) Styrene	12.292	104	108398	19.036	ug/l	96
71) Bromoform	12.457	173	32997	19.305	ug/l #	100
73) Isopropylbenzene	12.574	105	178722	18.183	ug/l	100
74) N-amyl acetate	12.386	43	61115	17.591	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	59745	16.743	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	56388m	18.222	ug/l	
77) Bromobenzene	12.857	156	43063	18.313	ug/l	96
78) n-propylbenzene	12.915	91	192226	18.277	ug/l	98
79) 2-Chlorotoluene	13.004	91	123828	17.921	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	154931	19.246	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	15820	17.055	ug/l	92
82) 4-Chlorotoluene	13.104	91	117510	17.946	ug/l	98
83) tert-Butylbenzene	13.321	119	132382	18.785	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	150481	19.217	ug/l	97
85) sec-Butylbenzene	13.498	105	172999	18.407	ug/l	99
86) p-Isopropyltoluene	13.609	119	140060	19.131	ug/l	97
87) 1,3-Dichlorobenzene	13.609	146	72601	17.902	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	71669	17.764	ug/l	96
89) n-Butylbenzene	13.939	91	101006	18.049	ug/l	96
90) Hexachloroethane	14.204	117	25990	17.765	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	71769	17.719	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12930	20.838	ug/l	77
93) 1,2,4-Trichlorobenzene	15.256	180	27406	17.862	ug/l	95
94) Hexachlorobutadiene	15.362	225	17680	17.403	ug/l	94
95) Naphthalene	15.503	128	78240	16.098	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	28041	18.237	ug/l	97

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

