

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074260.D
 Acq On : 01 Sep 2022 23:15
 Operator : JC\MD
 Sample : VN0901WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:42:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	186070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	360603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	325990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	134599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	150879	52.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	7.951	113	112829	48.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.160%			
50) Toluene-d8	10.381	98	465543	50.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	12.674	95	139721	49.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	31073	16.139	ug/l	96
3) Chloromethane	2.269	50	67970	25.064	ug/l	95
4) Vinyl Chloride	2.405	62	68997	25.605	ug/l	96
5) Bromomethane	2.787	94	36137	24.528	ug/l	99
6) Chloroethane	2.952	64	46856	25.318	ug/l	94
7) Trichlorofluoromethane	3.305	101	66565	16.159	ug/l	93
8) Diethyl Ether	3.763	74	35896	20.490	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.140	101	43006	18.280	ug/l	89
10) Methyl Iodide	4.346	142	31524	16.602	ug/l #	92
11) Tert butyl alcohol	5.287	59	79298	118.103	ug/l	96
12) 1,1-Dichloroethene	4.110	96	44942	20.601	ug/l	96
13) Acrolein	3.981	56	73438	115.096	ug/l	96
14) Allyl chloride	4.751	41	102730	21.117	ug/l #	93
15) Acrylonitrile	5.475	53	229750	110.180	ug/l	100
16) Acetone	4.222	43	202957	105.228	ug/l #	86
17) Carbon Disulfide	4.451	76	117389	18.907	ug/l #	95
18) Methyl Acetate	4.775	43	128528	25.314	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	177229	21.963	ug/l	94
20) Methylene Chloride	5.010	84	58022	21.149	ug/l #	83
21) trans-1,2-Dichloroethene	5.510	96	49107	19.503	ug/l	94
22) Diisopropyl ether	6.410	45	232628	23.470	ug/l #	94
23) Vinyl Acetate	6.351	43	975116	116.522	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	106892	21.860	ug/l #	96
25) 2-Butanone	7.257	43	350522	113.606	ug/l #	85
26) 2,2-Dichloropropane	7.240	77	55269	17.702	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	59058	20.999	ug/l	92
28) Bromochloromethane	7.581	49	38036	22.128	ug/l #	69
29) Tetrahydrofuran	7.604	42	235494	119.846	ug/l #	84
30) Chloroform	7.740	83	98908	19.843	ug/l	89
31) Cyclohexane	8.022	56	102197	21.429	ug/l	90
32) 1,1,1-Trichloroethane	7.945	97	77413	20.194	ug/l	95
36) 1,1-Dichloropropene	8.151	75	71570	18.798	ug/l	96
37) Ethyl Acetate	7.334	43	137608	21.612	ug/l #	93
38) Carbon Tetrachloride	8.134	117	59395	17.142	ug/l	95
39) Methylcyclohexane	9.398	83	88151	19.723	ug/l	95
40) Benzene	8.392	78	246101	20.586	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	72108m	24.534	ug/l	
42) 1,2-Dichloroethane	8.457	62	78444	18.439	ug/l	98
43) Isopropyl Acetate	8.492	43	190337	22.237	ug/l #	90
44) Trichloroethene	9.151	130	50139	18.769	ug/l	88
45) 1,2-Dichloropropane	9.428	63	66175	20.502	ug/l	93
46) Dibromomethane	9.516	93	41298	19.158	ug/l #	83
47) Bromodichloromethane	9.704	83	75529	17.879	ug/l	97
48) Methyl methacrylate	9.498	41	85975	21.145	ug/l	86
49) 1,4-Dioxane	9.504	88	32009	364.902	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	676946	108.971	ug/l	89
52) Toluene	10.445	92	142814	20.268	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	81018	20.228	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	90123	20.098	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	61288	20.108	ug/l	93
56) Ethyl methacrylate	10.704	69	104270	22.570	ug/l #	79
57) 1,3-Dichloropropane	10.980	76	109169	20.610	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	249033	106.561	ug/l #	88
59) 2-Hexanone	11.028	43	532721	113.001	ug/l	88
60) Dibromochloromethane	11.180	129	49348	17.286	ug/l	99
61) 1,2-Dibromoethane	11.286	107	56601	19.435	ug/l	96
64) Tetrachloroethene	10.910	164	38306	16.223	ug/l	93
65) Chlorobenzene	11.710	112	141464	19.285	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	47777	18.324	ug/l	96
67) Ethyl Benzene	11.786	91	269876	20.501	ug/l	90
68) m/p-Xylenes	11.892	106	208146	42.563	ug/l	99
69) o-Xylene	12.222	106	100009	20.524	ug/l	96
70) Styrene	12.233	104	162616	20.947	ug/l	99
71) Bromoform	12.398	173	36260	16.419	ug/l #	95
73) Isopropylbenzene	12.516	105	254295	22.061	ug/l	98
74) N-amyl acetate	12.327	43	160936	24.677	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	105498	22.069	ug/l	95
76) 1,2,3-Trichloropropane	12.822	75	80286m	23.914	ug/l	
77) Bromobenzene	12.798	156	55082	20.428	ug/l	77
78) n-propylbenzene	12.857	91	295203	22.467	ug/l	96
79) 2-Chlorotoluene	12.945	91	174955	21.738	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	208097	22.198	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	27768	21.414	ug/l	90
82) 4-Chlorotoluene	13.045	91	162020	20.805	ug/l	99
83) tert-Butylbenzene	13.263	119	177707	22.160	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	201965	22.322	ug/l	97
85) sec-Butylbenzene	13.439	105	257006	22.847	ug/l	95
86) p-Isopropyltoluene	13.557	119	193869	22.149	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	97589	20.303	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	97727	19.653	ug/l	97
89) n-Butylbenzene	13.880	91	170683	22.390	ug/l	95
90) Hexachloroethane	14.151	117	35508	19.677	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	103419	20.411	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	19017	19.903	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	50483	20.369	ug/l	96
94) Hexachlorobutadiene	15.298	225	20737	17.014	ug/l	99
95) Naphthalene	15.433	128	200395	20.320	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	50110	19.517	ug/l	97

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

