

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073782.D
 Acq On : 09 Aug 2022 12:08
 Operator : JC\MD
 Sample : VN0809WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	325108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	511585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	480782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	225617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	213553	53.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.800%			
35) Dibromofluoromethane	7.951	113	179788	55.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.940%			
50) Toluene-d8	10.380	98	667461	52.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.674	95	214442	50.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53108	16.842	ug/l	95
3) Chloromethane	2.269	50	71620	17.257	ug/l	96
4) Vinyl Chloride	2.405	62	87598	15.884	ug/l	98
5) Bromomethane	2.799	94	45486	14.221	ug/l	100
6) Chloroethane	2.963	64	61985	17.905	ug/l	99
7) Trichlorofluoromethane	3.310	101	128550	22.617	ug/l	97
8) Diethyl Ether	3.763	74	40793	19.114	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.140	101	60805	19.336	ug/l	99
10) Methyl Iodide	4.340	142	42090	13.166	ug/l	99
11) Tert butyl alcohol	5.293	59	92396	108.134	ug/l	98
12) 1,1-Dichloroethene	4.110	96	55497	17.992	ug/l	90
13) Acrolein	3.981	56	80911	95.515	ug/l	99
14) Allyl chloride	4.763	41	91783	18.612	ug/l	97
15) Acrylonitrile	5.469	53	250887	106.147	ug/l	100
16) Acetone	4.222	43	211066	99.185	ug/l	98
17) Carbon Disulfide	4.451	76	133048	16.268	ug/l	98
18) Methyl Acetate	4.775	43	117934	22.276	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	216022	20.500	ug/l	96
20) Methylene Chloride	5.010	84	76013	20.793	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	60635	18.160	ug/l	97
22) Diisopropyl ether	6.410	45	210227	19.759	ug/l	96
23) Vinyl Acetate	6.351	43	901343	101.046	ug/l	99
24) 1,1-Dichloroethane	6.304	63	121862	18.618	ug/l	97
25) 2-Butanone	7.263	43	337738	102.198	ug/l	99
26) 2,2-Dichloropropane	7.251	77	88875	17.649	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	77983	18.956	ug/l	94
28) Bromochloromethane	7.581	49	61411	22.345	ug/l	98
29) Tetrahydrofuran	7.610	42	224009	107.211	ug/l	99
30) Chloroform	7.745	83	131436	19.273	ug/l	98
31) Cyclohexane	8.022	56	102314	17.346	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	106682	18.840	ug/l	99
36) 1,1-Dichloropropene	8.151	75	86642	18.924	ug/l	99
37) Ethyl Acetate	7.334	43	131153	21.751	ug/l	97
38) Carbon Tetrachloride	8.134	117	88125	18.951	ug/l	99
39) Methylcyclohexane	9.392	83	102300	18.698	ug/l	99
40) Benzene	8.392	78	291089	19.579	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	7.563	41	60229	22.074	ug/l	94
42) 1,2-Dichloroethane	8.463	62	104025	20.760	ug/l	99
43) Isopropyl Acetate	8.498	43	174110	21.378	ug/l	99
44) Trichloroethene	9.151	130	72023	19.103	ug/l	99
45) 1,2-Dichloropropane	9.428	63	75618	20.348	ug/l	95
46) Dibromomethane	9.516	93	53277	20.656	ug/l	99
47) Bromodichloromethane	9.698	83	105011	21.213	ug/l	100
48) Methyl methacrylate	9.498	41	74479	20.892	ug/l	90
49) 1,4-Dioxane	9.504	88	48787	485.483	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	654486	112.043	ug/l	99
52) Toluene	10.445	92	184675	20.336	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	100151	20.479	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	108441	19.678	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	81939	21.637	ug/l	99
56) Ethyl methacrylate	10.704	69	114557	21.948	ug/l	100
57) 1,3-Dichloropropane	10.986	76	134391	20.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	238783	92.957	ug/l	100
59) 2-Hexanone	11.028	43	500523	113.096	ug/l	99
60) Dibromochloromethane	11.180	129	83091	22.055	ug/l	98
61) 1,2-Dibromoethane	11.286	107	81854	20.987	ug/l	99
64) Tetrachloroethene	10.916	164	71143	18.619	ug/l	96
65) Chlorobenzene	11.710	112	197397	19.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	73801	20.148	ug/l	99
67) Ethyl Benzene	11.786	91	327502	19.009	ug/l	98
68) m/p-Xylenes	11.892	106	257583	39.200	ug/l	99
69) o-Xylene	12.222	106	128562	20.068	ug/l	98
70) Styrene	12.233	104	211201	20.595	ug/l	98
71) Bromoform	12.398	173	64529	21.343	ug/l #	98
73) Isopropylbenzene	12.522	105	320980	19.435	ug/l	100
74) N-amyl acetate	12.333	43	127190	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	129393	20.303	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	113389m	25.879	ug/l	
77) Bromobenzene	12.798	156	84722	19.698	ug/l	100
78) n-propylbenzene	12.863	91	368347	19.821	ug/l	99
79) 2-Chlorotoluene	12.945	91	228956	19.740	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	271110	19.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	34753	19.962	ug/l	97
82) 4-Chlorotoluene	13.045	91	212877	19.365	ug/l	97
83) tert-Butylbenzene	13.263	119	242492	20.143	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	275370	20.605	ug/l	98
85) sec-Butylbenzene	13.439	105	334147	20.082	ug/l	100
86) p-Isopropyltoluene	13.557	119	268321	20.456	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	151784	19.334	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	149256	19.001	ug/l	98
89) n-Butylbenzene	13.886	91	199690	18.711	ug/l	97
90) Hexachloroethane	14.151	117	50295	19.326	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	159170	20.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	26952	21.048	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	80027	20.257	ug/l	98
94) Hexachlorobutadiene	15.304	225	43248	20.137	ug/l	98
95) Naphthalene	15.439	128	273482	21.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	84710	20.373	ug/l	98

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

