

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075365.D
 Acq On : 22 Nov 2022 14:08
 Operator : JC\MD
 Sample : VN1122WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Quant Time: Nov 23 07:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	150824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44879	55.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.860%			
35) Dibromofluoromethane	8.171	113	54130	54.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.940%			
50) Toluene-d8	10.565	98	126873	56.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.380%#			
62) 4-Bromofluorobenzene	12.853	95	92736	56.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	22297	19.333	ug/l	95
3) Chloromethane	2.371	50	27248	18.988	ug/l	99
4) Vinyl Chloride	2.524	62	36041	19.928	ug/l	96
5) Bromomethane	2.924	94	33924	21.330	ug/l	94
6) Chloroethane	3.112	64	27367	19.970	ug/l	95
7) Trichlorofluoromethane	3.495	101	50016	19.358	ug/l	98
8) Diethyl Ether	3.971	74	19030	21.015	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	28398	19.910	ug/l	95
10) Methyl Iodide	4.600	142	44181	19.116	ug/l	98
11) Tert butyl alcohol	5.536	59	33668	99.064	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	26654	19.083	ug/l	90
13) Acrolein	4.189	56	29568	99.867	ug/l	100
14) Allyl chloride	5.030	41	32871	18.194	ug/l	97
15) Acrylonitrile	5.730	53	78712	100.947	ug/l	99
16) Acetone	4.436	43	63924	84.650	ug/l	92
17) Carbon Disulfide	4.724	76	65520	18.050	ug/l	100
18) Methyl Acetate	5.036	43	41867	21.247	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	98056	19.818	ug/l	96
20) Methylene Chloride	5.283	84	33182	20.925	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	30020	18.860	ug/l	93
22) Diisopropyl ether	6.677	45	81804	19.842	ug/l	96
23) Vinyl Acetate	6.612	43	286634	87.390	ug/l	99
24) 1,1-Dichloroethane	6.583	63	52304	19.765	ug/l	98
25) 2-Butanone	7.488	43	102323	97.053	ug/l	96
26) 2,2-Dichloropropane	7.494	77	46158	18.768	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	36495	20.276	ug/l	93
28) Bromochloromethane	7.818	49	23050	21.458	ug/l	86
29) Tetrahydrofuran	7.847	42	66080	103.041	ug/l	98
30) Chloroform	7.971	83	59288	19.509	ug/l	99
31) Cyclohexane	8.265	56	47978	18.652	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	53504	19.390	ug/l	96
36) 1,1-Dichloropropene	8.377	75	41672	19.229	ug/l	96
37) Ethyl Acetate	7.565	43	40328	20.667	ug/l	99
38) Carbon Tetrachloride	8.365	117	46944	19.719	ug/l	98
39) Methylcyclohexane	9.600	83	53139	19.592	ug/l	97
40) Benzene	8.612	78	129906	19.578	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	20026	20.073	ug/l	95
42) 1,2-Dichloroethane	8.677	62	43133	19.410	ug/l	97
43) Isopropyl Acetate	8.694	43	63157	20.164	ug/l	99
44) Trichloroethene	9.359	130	36358	20.026	ug/l	89
45) 1,2-Dichloropropane	9.624	63	30590	19.346	ug/l	94
46) Dibromomethane	9.712	93	23402	19.567	ug/l	90
47) Bromodichloromethane	9.888	83	45054	19.453	ug/l	93
48) Methyl methacrylate	9.682	41	29176	20.145	ug/l	97
49) 1,4-Dioxane	9.700	88	16557	402.599	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	205038	102.779	ug/l	97
52) Toluene	10.629	92	86366	20.199	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	45249	19.461	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	48605	19.247	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33517	19.246	ug/l	95
56) Ethyl methacrylate	10.876	69	48623	20.674	ug/l	96
57) 1,3-Dichloropropane	11.165	76	55207	19.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	93084	109.743	ug/l	97
59) 2-Hexanone	11.200	43	151731	101.288	ug/l	97
60) Dibromochloromethane	11.365	129	35816	20.036	ug/l	100
61) 1,2-Dibromoethane	11.470	107	35215	19.482	ug/l	100
64) Tetrachloroethene	11.100	164	33457	19.003	ug/l	85
65) Chlorobenzene	11.894	112	94217	19.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	34364	19.338	ug/l	99
67) Ethyl Benzene	11.965	91	163716	20.154	ug/l	99
68) m/p-Xylenes	12.070	106	132162	40.065	ug/l	100
69) o-Xylene	12.400	106	66833	20.391	ug/l	93
70) Styrene	12.412	104	104585	20.228	ug/l	98
71) Bromoform	12.582	173	25679	18.986	ug/l #	99
73) Isopropylbenzene	12.694	105	164951	19.409	ug/l	96
74) N-amyl acetate	12.494	43	51791	19.822	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	51594	19.912	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44559m	20.259	ug/l	
77) Bromobenzene	12.982	156	39755	18.947	ug/l	89
78) n-propylbenzene	13.035	91	189094	19.937	ug/l	99
79) 2-Chlorotoluene	13.123	91	115921	20.284	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	143434	20.314	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	12859	17.298	ug/l	95
82) 4-Chlorotoluene	13.123	91	115921	20.284	ug/l	96
83) tert-Butylbenzene	13.441	119	127720	19.839	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	143281	20.230	ug/l	98
85) sec-Butylbenzene	13.617	105	177379	20.306	ug/l	99
86) p-Isopropyltoluene	13.729	119	150043	20.415	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78233	19.679	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76480	18.939	ug/l	98
89) n-Butylbenzene	14.059	91	121348	19.549	ug/l	99
90) Hexachloroethane	14.335	117	24042	18.962	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	77319	19.953	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9742	19.848	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	38336	19.305	ug/l	98
94) Hexachlorobutadiene	15.500	225	19739	19.083	ug/l	99
95) Naphthalene	15.641	128	120005	19.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36847	18.879	ug/l	99

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

