

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075415.D
 Acq On : 25 Nov 2022 12:45
 Operator : JC\MD
 Sample : VN1125WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 03:33:54 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45022	49.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.400%		
35) Dibromofluoromethane	8.171	113	56404	52.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.020%		
50) Toluene-d8	10.571	98	128225	53.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.000%		
62) 4-Bromofluorobenzene	12.853	95	97744	54.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23132	17.747	ug/l	99
3) Chloromethane	2.371	50	27891	17.197	ug/l	98
4) Vinyl Chloride	2.524	62	36707	17.958	ug/l	96
5) Bromomethane	2.948	94	31150	17.330	ug/l	93
6) Chloroethane	3.124	64	30381	19.616	ug/l	95
7) Trichlorofluoromethane	3.506	101	51049	17.482	ug/l	99
8) Diethyl Ether	3.977	74	19054	18.617	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	31093	19.288	ug/l	95
10) Methyl Iodide	4.595	142	48257	18.474	ug/l	95
11) Tert butyl alcohol	5.536	59	35256	91.786	ug/l	99
12) 1,1-Dichloroethene	4.353	96	28852	18.278	ug/l	88
13) Acrolein	4.189	56	28103	83.984	ug/l	99
14) Allyl chloride	5.030	41	38534m	18.872	ug/l	
15) Acrylonitrile	5.730	53	81769	92.787	ug/l	98
16) Acetone	4.442	43	78977	92.536	ug/l	95
17) Carbon Disulfide	4.730	76	68009	16.578	ug/l	99
18) Methyl Acetate	5.042	43	42791	19.087	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	101188	18.095	ug/l	96
20) Methylene Chloride	5.283	84	33727	18.687	ug/l	84
21) trans-1,2-Dichloroethene	5.800	96	32225	17.913	ug/l	90
22) Diisopropyl ether	6.683	45	85251	18.296	ug/l	97
23) Vinyl Acetate	6.612	43	339707	91.640	ug/l	98
24) 1,1-Dichloroethane	6.583	63	54153	18.106	ug/l	96
25) 2-Butanone	7.488	43	108690	91.217	ug/l	97
26) 2,2-Dichloropropane	7.494	77	51723	18.608	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	39275	19.307	ug/l	94
28) Bromochloromethane	7.818	49	23647	19.478	ug/l	86
29) Tetrahydrofuran	7.841	42	69049	95.268	ug/l	98
30) Chloroform	7.971	83	61351	17.863	ug/l	98
31) Cyclohexane	8.259	56	50477	17.363	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	57137	18.322	ug/l	94
36) 1,1-Dichloropropene	8.377	75	44473	18.986	ug/l	96
37) Ethyl Acetate	7.571	43	39443	18.700	ug/l	97
38) Carbon Tetrachloride	8.365	117	51236	19.911	ug/l	97
39) Methylcyclohexane	9.606	83	58035	19.796	ug/l	95
40) Benzene	8.612	78	134754	18.789	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22451	20.820	ug/l	98
42) 1,2-Dichloroethane	8.677	62	45366	18.887	ug/l	96
43) Isopropyl Acetate	8.694	43	66364	19.602	ug/l	98
44) Trichloroethene	9.353	130	38584	19.662	ug/l	94
45) 1,2-Dichloropropane	9.624	63	31601	18.490	ug/l	92
46) Dibromomethane	9.712	93	25494	19.721	ug/l	91
47) Bromodichloromethane	9.888	83	48389	19.329	ug/l	95
48) Methyl methacrylate	9.682	41	30471	19.465	ug/l	97
49) 1,4-Dioxane	9.700	88	17275	388.621	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	210095	97.432	ug/l	96
52) Toluene	10.635	92	92194	19.948	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	49393	19.653	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55574	20.360	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	36088	19.172	ug/l	95
56) Ethyl methacrylate	10.876	69	50385	19.820	ug/l	96
57) 1,3-Dichloropropane	11.165	76	58899	19.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	96661	105.431	ug/l	93
59) 2-Hexanone	11.200	43	158673	97.995	ug/l	95
60) Dibromochloromethane	11.359	129	41094	21.269	ug/l	98
61) 1,2-Dibromoethane	11.471	107	37981	19.440	ug/l	99
64) Tetrachloroethene	11.106	164	36624	19.268	ug/l	91
65) Chlorobenzene	11.894	112	99306	19.319	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	37031	19.303	ug/l	100
67) Ethyl Benzene	11.965	91	175386	20.000	ug/l	96
68) m/p-Xylenes	12.076	106	142457	40.003	ug/l	98
69) o-Xylene	12.400	106	70100	19.812	ug/l	96
70) Styrene	12.412	104	111166	19.916	ug/l	99
71) Bromoform	12.582	173	29911	20.485	ug/l #	99
73) Isopropylbenzene	12.700	105	182561	19.554	ug/l	99
74) N-amyl acetate	12.494	43	54785	19.087	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	53701	18.867	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	46975m	19.442	ug/l	
77) Bromobenzene	12.982	156	44794	19.435	ug/l	84
78) n-propylbenzene	13.041	91	201164	19.307	ug/l	96
79) 2-Chlorotoluene	13.129	91	121581	19.367	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	152894	19.712	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16006m	19.601	ug/l	
82) 4-Chlorotoluene	13.129	91	121581	19.367	ug/l	96
83) tert-Butylbenzene	13.441	119	138588	19.596	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	154339	19.837	ug/l	98
85) sec-Butylbenzene	13.617	105	190782	19.882	ug/l	99
86) p-Isopropyltoluene	13.735	119	167623	20.762	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85433	19.563	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	85715	19.322	ug/l	99
89) n-Butylbenzene	14.059	91	134190	19.679	ug/l	98
90) Hexachloroethane	14.335	117	27191	19.523	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	83368	19.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10114	18.758	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	43391	19.891	ug/l	98
94) Hexachlorobutadiene	15.506	225	22356	19.675	ug/l	99
95) Naphthalene	15.647	128	132800	19.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	41546	19.378	ug/l	97

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

