

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075230.D
 Acq On : 10 Nov 2022 12:57
 Operator : JC\MD
 Sample : VN1110WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	115397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71114	45.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.480%		
35) Dibromofluoromethane	8.171	113	59504	49.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.571	98	220507	46.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.980%		
62) 4-Bromofluorobenzene	12.847	95	79208	48.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23198	15.453	ug/l	97
3) Chloromethane	2.371	50	24226	15.193	ug/l	98
4) Vinyl Chloride	2.524	62	33131	14.565	ug/l	98
5) Bromomethane	2.942	94	27082	13.039	ug/l	95
6) Chloroethane	3.118	64	25193	15.445	ug/l	99
7) Trichlorofluoromethane	3.506	101	42758	18.401	ug/l	100
8) Diethyl Ether	3.971	74	14604	17.230	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	24444	19.048	ug/l	98
10) Methyl Iodide	4.600	142	32985	17.265	ug/l	99
11) Tert butyl alcohol	5.536	59	29843	82.304	ug/l	98
12) 1,1-Dichloroethene	4.347	96	21523	17.595	ug/l	99
13) Acrolein	4.189	56	17891	60.324	ug/l	96
14) Allyl chloride	5.036	41	29911m	16.742	ug/l	
15) Acrylonitrile	5.730	53	69408	90.616	ug/l	98
16) Acetone	4.436	43	64434	97.871	ug/l	99
17) Carbon Disulfide	4.724	76	43608	14.176	ug/l	100
18) Methyl Acetate	5.042	43	42264	19.653	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	82011	18.039	ug/l	95
20) Methylene Chloride	5.283	84	26357	17.956	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	23082	17.234	ug/l	88
22) Diisopropyl ether	6.683	45	68992	17.499	ug/l	97
23) Vinyl Acetate	6.612	43	272257m	82.695	ug/l	
24) 1,1-Dichloroethane	6.577	63	45532	18.260	ug/l	97
25) 2-Butanone	7.494	43	91970	88.814	ug/l	98
26) 2,2-Dichloropropane	7.494	77	41520	18.100	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	29927	18.711	ug/l	96
28) Bromochloromethane	7.818	49	19020	18.095	ug/l	95
29) Tetrahydrofuran	7.847	42	58835	87.925	ug/l	99
30) Chloroform	7.971	83	50363	18.603	ug/l	100
31) Cyclohexane	8.259	56	38712	16.740	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	46195	18.790	ug/l	95
36) 1,1-Dichloropropene	8.377	75	34420	18.380	ug/l	98
37) Ethyl Acetate	7.565	43	36493	17.769	ug/l	99
38) Carbon Tetrachloride	8.365	117	39953	19.394	ug/l	96
39) Methylcyclohexane	9.606	83	43605	17.637	ug/l	97
40) Benzene	8.612	78	107359	18.723	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16951	17.227	ug/l	92
42) 1,2-Dichloroethane	8.677	62	38743	18.571	ug/l	98
43) Isopropyl Acetate	8.694	43	56463	17.724	ug/l	97
44) Trichloroethene	9.353	130	28763	19.994	ug/l	96
45) 1,2-Dichloropropane	9.624	63	26703	19.568	ug/l	94
46) Dibromomethane	9.712	93	20293	19.088	ug/l	99
47) Bromodichloromethane	9.894	83	38889	18.889	ug/l	98
48) Methyl methacrylate	9.682	41	25139	17.203	ug/l	97
49) 1,4-Dioxane	9.700	88	15009	392.222	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	185761	90.362	ug/l	99
52) Toluene	10.629	92	70919	18.502	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	39897	18.360	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	42626	18.494	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	29345	19.308	ug/l	95
56) Ethyl methacrylate	10.876	69	40844	17.618	ug/l	98
57) 1,3-Dichloropropane	11.165	76	48251	19.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	63383	70.720	ug/l	99
59) 2-Hexanone	11.194	43	142370	91.249	ug/l	100
60) Dibromochloromethane	11.359	129	30765	19.186	ug/l	99
61) 1,2-Dibromoethane	11.471	107	29676	19.053	ug/l	99
64) Tetrachloroethene	11.106	164	28403	24.857	ug/l	94
65) Chlorobenzene	11.894	112	77737	19.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	29453	19.957	ug/l	98
67) Ethyl Benzene	11.965	91	137800	19.252	ug/l	98
68) m/p-Xylenes	12.070	106	107935	37.582	ug/l	96
69) o-Xylene	12.400	106	54461	19.175	ug/l	98
70) Styrene	12.412	104	85573	18.896	ug/l	100
71) Bromoform	12.576	173	20389	18.453	ug/l #	99
73) Isopropylbenzene	12.694	105	139485	18.855	ug/l	98
74) N-amyl acetate	12.494	43	46604	17.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	44052	18.225	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	38197m	19.523	ug/l	
77) Bromobenzene	12.982	156	31472	19.321	ug/l	96
78) n-propylbenzene	13.035	91	159000	19.143	ug/l	100
79) 2-Chlorotoluene	13.123	91	98496	19.406	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	121591	19.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	12801	16.795	ug/l	97
82) 4-Chlorotoluene	13.123	91	98496	19.406	ug/l	99
83) tert-Butylbenzene	13.441	119	106347	19.262	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	120834	19.220	ug/l	100
85) sec-Butylbenzene	13.617	105	149902	19.408	ug/l	99
86) p-Isopropyltoluene	13.729	119	124533	19.523	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62583	19.623	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63246	20.037	ug/l	99
89) n-Butylbenzene	14.059	91	103214	20.094	ug/l	100
90) Hexachloroethane	14.335	117	21245	18.165	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	64803	20.438	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8868	17.771	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	28992	21.249	ug/l	98
94) Hexachlorobutadiene	15.500	225	14636	22.004	ug/l	97
95) Naphthalene	15.641	128	103139	19.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	28101	20.729	ug/l	99

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

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