

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075204.D
 Acq On : 08 Nov 2022 12:07
 Operator : JC\MD
 Sample : VN1108WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:30:36 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	8.229	168	100542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69838	51.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.171	113	58940	52.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.571	98	219000	50.542	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.847	95	75938	49.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22480	17.187	ug/l	99
3) Chloromethane	2.371	50	22162	15.952	ug/l	99
4) Vinyl Chloride	2.524	62	33061	16.681	ug/l	98
5) Bromomethane	2.912	94	24562	13.793	ug/l	96
6) Chloroethane	3.089	64	25707	18.089	ug/l	96
7) Trichlorofluoromethane	3.483	101	40226	19.869	ug/l	98
8) Diethyl Ether	3.971	74	14344	19.424	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	22665	20.271	ug/l	100
10) Methyl Iodide	4.583	142	30932	18.583	ug/l	99
11) Tert butyl alcohol	5.553	59	27330	86.510	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	19851	18.626	ug/l	91
13) Acrolein	4.189	56	15466	59.852	ug/l	100
14) Allyl chloride	5.030	41	29209	18.765	ug/l	97
15) Acrylonitrile	5.730	53	64700	96.950	ug/l	99
16) Acetone	4.436	43	56385	98.299	ug/l	95
17) Carbon Disulfide	4.712	76	42674	15.922	ug/l	98
18) Methyl Acetate	5.036	43	39167	20.904	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	77883	19.662	ug/l	97
20) Methylene Chloride	5.283	84	25927	20.272	ug/l #	94
21) trans-1,2-Dichloroethene	5.788	96	21755	18.643	ug/l	93
22) Diisopropyl ether	6.683	45	65581	19.092	ug/l	95
23) Vinyl Acetate	6.612	43	256704m	89.492	ug/l	
24) 1,1-Dichloroethane	6.571	63	42743	19.674	ug/l	97
25) 2-Butanone	7.494	43	84373	93.516	ug/l	99
26) 2,2-Dichloropropane	7.494	77	37137	18.581	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	27256	19.559	ug/l	98
28) Bromochloromethane	7.812	49	17165	18.743	ug/l	96
29) Tetrahydrofuran	7.841	42	54081	92.762	ug/l	97
30) Chloroform	7.971	83	45738	19.390	ug/l	90
31) Cyclohexane	8.259	56	36076	17.906	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	42038	19.625	ug/l	97
36) 1,1-Dichloropropene	8.377	75	32360	18.716	ug/l	99
37) Ethyl Acetate	7.565	43	32935	17.369	ug/l	97
38) Carbon Tetrachloride	8.365	117	36791	19.344	ug/l	99
39) Methylcyclohexane	9.600	83	39844	17.455	ug/l	97
40) Benzene	8.612	78	100950	19.068	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16397	18.049	ug/l	96
42) 1,2-Dichloroethane	8.677	62	36669	19.038	ug/l	97
43) Isopropyl Acetate	8.694	43	51455	17.494	ug/l	97
44) Trichloroethene	9.353	130	25532	19.223	ug/l	88
45) 1,2-Dichloropropane	9.629	63	25408	20.167	ug/l #	86
46) Dibromomethane	9.712	93	17707	18.040	ug/l	96
47) Bromodichloromethane	9.888	83	36298	19.096	ug/l	96
48) Methyl methacrylate	9.682	41	22795	16.895	ug/l	95
49) 1,4-Dioxane	9.700	88	14270	403.900	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	172971	91.133	ug/l	100
52) Toluene	10.629	92	66811	18.879	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	36770	18.327	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	39440	18.534	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	27208	19.390	ug/l	95
56) Ethyl methacrylate	10.876	69	39535	18.471	ug/l	98
57) 1,3-Dichloropropane	11.165	76	45372	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	75361	91.072	ug/l	98
59) 2-Hexanone	11.194	43	129203	89.691	ug/l	100
60) Dibromochloromethane	11.359	129	27189	18.365	ug/l	95
61) 1,2-Dibromoethane	11.470	107	27081	18.832	ug/l	99
64) Tetrachloroethene	11.106	164	22412	21.038	ug/l	94
65) Chlorobenzene	11.888	112	70496	19.007	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	27420	19.929	ug/l	99
67) Ethyl Benzene	11.965	91	123879	18.565	ug/l	93
68) m/p-Xylenes	12.070	106	100560	37.558	ug/l	100
69) o-Xylene	12.400	106	48213	18.208	ug/l	100
70) Styrene	12.412	104	78881	18.683	ug/l	99
71) Bromoform	12.576	173	18476	17.936	ug/l #	98
73) Isopropylbenzene	12.694	105	127807	19.550	ug/l	99
74) N-amyl acetate	12.494	43	43871	18.144	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	42035	20.002	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	37011m	21.406	ug/l	
77) Bromobenzene	12.982	156	27787	19.304	ug/l	96
78) n-propylbenzene	13.035	91	146622	19.976	ug/l	98
79) 2-Chlorotoluene	13.123	91	88050	19.631	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	108397	19.741	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11219m	16.656	ug/l	
82) 4-Chlorotoluene	13.123	91	88050	19.631	ug/l	98
83) tert-Butylbenzene	13.441	119	95194	19.511	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	108146	19.466	ug/l	99
85) sec-Butylbenzene	13.617	105	133693	19.588	ug/l	99
86) p-Isopropyltoluene	13.729	119	110607	19.622	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54717	19.414	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	55501	19.898	ug/l	98
89) n-Butylbenzene	14.059	91	88568	19.511	ug/l	100
90) Hexachloroethane	14.335	117	18786	18.177	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	56317	20.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8028	18.205	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	24650	20.444	ug/l	98
94) Hexachlorobutadiene	15.500	225	11852	20.164	ug/l	97
95) Naphthalene	15.641	128	86554	18.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23502	19.618	ug/l	96

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

