

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075231.D
 Acq On : 10 Nov 2022 13:35
 Operator : JC\MD
 Sample : VN1110WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:09:42 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	109323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	198667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70104	47.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.171	113	58896	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.000%		
50) Toluene-d8	10.565	98	216215	47.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.560%		
62) 4-Bromofluorobenzene	12.847	95	77676	48.869	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23604	16.597	ug/l	99
3) Chloromethane	2.371	50	23806	15.759	ug/l	99
4) Vinyl Chloride	2.524	62	32886	15.260	ug/l	100
5) Bromomethane	2.942	94	26653	13.755	ug/l	97
6) Chloroethane	3.118	64	23349	15.110	ug/l	96
7) Trichlorofluoromethane	3.500	101	40556	18.423	ug/l	98
8) Diethyl Ether	3.977	74	15477	19.275	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	23746	19.532	ug/l	99
10) Methyl Iodide	4.600	142	32160	17.769	ug/l	99
11) Tert butyl alcohol	5.547	59	30853	89.817	ug/l	99
12) 1,1-Dichloroethene	4.348	96	20587	17.765	ug/l	94
13) Acrolein	4.189	56	19700	70.114	ug/l	98
14) Allyl chloride	5.042	41	31098	18.374	ug/l	94
15) Acrylonitrile	5.730	53	71481	98.508	ug/l	99
16) Acetone	4.436	43	62763	100.629	ug/l	90
17) Carbon Disulfide	4.718	76	42986	14.751	ug/l	99
18) Methyl Acetate	5.036	43	45065	22.120	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	84830	19.695	ug/l	95
20) Methylene Chloride	5.294	84	26537	19.083	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	22579	17.795	ug/l	97
22) Diisopropyl ether	6.683	45	68824	18.426	ug/l	92
23) Vinyl Acetate	6.612	43	279422m	89.587	ug/l	
24) 1,1-Dichloroethane	6.583	63	45085	19.085	ug/l	97
25) 2-Butanone	7.488	43	95457	97.303	ug/l	96
26) 2,2-Dichloropropane	7.494	77	40065	18.436	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	28712	18.949	ug/l	96
28) Bromochloromethane	7.824	49	18705	18.784	ug/l	93
29) Tetrahydrofuran	7.847	42	61117	96.410	ug/l	97
30) Chloroform	7.977	83	49998	19.494	ug/l	97
31) Cyclohexane	8.259	56	39225	17.905	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	43995	18.889	ug/l	98
36) 1,1-Dichloropropene	8.377	75	34707	19.222	ug/l	98
37) Ethyl Acetate	7.571	43	38864	19.627	ug/l	98
38) Carbon Tetrachloride	8.365	117	38691	19.480	ug/l	96
39) Methylcyclohexane	9.606	83	41891	17.574	ug/l	96
40) Benzene	8.612	78	105100	19.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17819	18.783	ug/l	89
42) 1,2-Dichloroethane	8.677	62	39415	19.596	ug/l	97
43) Isopropyl Acetate	8.694	43	59029	19.218	ug/l	98
44) Trichloroethene	9.353	130	28198	20.330	ug/l	93
45) 1,2-Dichloropropane	9.624	63	25879	19.670	ug/l	98
46) Dibromomethane	9.706	93	20675	20.170	ug/l	99
47) Bromodichloromethane	9.894	83	39558	19.929	ug/l	92
48) Methyl methacrylate	9.682	41	26507	18.813	ug/l	96
49) 1,4-Dioxane	9.700	88	14886	403.472	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	194088	97.923	ug/l	98
52) Toluene	10.629	92	69528	18.814	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	41035	19.586	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43493	19.572	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	29393	20.059	ug/l	98
56) Ethyl methacrylate	10.876	69	43108	19.286	ug/l	97
57) 1,3-Dichloropropane	11.159	76	49132	20.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	88291	102.174	ug/l	98
59) 2-Hexanone	11.194	43	145403	96.658	ug/l	99
60) Dibromochloromethane	11.359	129	30900	19.987	ug/l	99
61) 1,2-Dibromoethane	11.471	107	30327	20.195	ug/l	100
64) Tetrachloroethene	11.106	164	28765	25.974	ug/l	96
65) Chlorobenzene	11.894	112	75654	19.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	29153	20.382	ug/l	100
67) Ethyl Benzene	11.965	91	133922	19.305	ug/l	96
68) m/p-Xylenes	12.071	106	109953	39.502	ug/l	98
69) o-Xylene	12.400	106	52844	19.197	ug/l	100
70) Styrene	12.412	104	83744	19.080	ug/l	99
71) Bromoform	12.582	173	21091	19.695	ug/l #	99
73) Isopropylbenzene	12.694	105	136763	19.940	ug/l	99
74) N-amyl acetate	12.494	43	46143	18.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	43653	19.757	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	34332m	18.926	ug/l	
77) Bromobenzene	12.982	156	31522	20.872	ug/l	99
78) n-propylbenzene	13.035	91	153726	19.963	ug/l	99
79) 2-Chlorotoluene	13.129	91	94096	19.996	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	118405	20.553	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13063	18.485	ug/l	94
82) 4-Chlorotoluene	13.129	91	94096	19.996	ug/l	98
83) tert-Butylbenzene	13.441	119	102181	19.961	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	118983	20.413	ug/l	100
85) sec-Butylbenzene	13.617	105	145593	20.332	ug/l	99
86) p-Isopropyltoluene	13.729	119	118243	19.994	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	59858	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58894	20.125	ug/l	96
89) n-Butylbenzene	14.059	91	96031	20.164	ug/l	99
90) Hexachloroethane	14.335	117	21040	19.404	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	62303	21.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9489	20.510	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	28375	22.431	ug/l	99
94) Hexachlorobutadiene	15.500	225	13459	21.825	ug/l	99
95) Naphthalene	15.641	128	105606	21.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	27647	21.996	ug/l	99

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

