

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
 Data File : VN075211.D
 Acq On : 09 Nov 2022 10:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 02:34:13 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	8.224	168	111090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	191843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	67694	45.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.460%			
35) Dibromofluoromethane	8.171	113	57891	51.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.565	98	220314	50.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	82226	53.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	55916	38.692	ug/l	99
3) Chloromethane	2.371	50	56710	36.944	ug/l	98
4) Vinyl Chloride	2.524	62	79993	36.529	ug/l	99
5) Bromomethane	2.918	94	77059	49.068	ug/l	95
6) Chloroethane	3.101	64	59896	38.144	ug/l	91
7) Trichlorofluoromethane	3.495	101	101674	45.451	ug/l	98
8) Diethyl Ether	3.965	74	36308	44.499	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	60000	48.567	ug/l	98
10) Methyl Iodide	4.595	142	81095	44.093	ug/l	99
11) Tert butyl alcohol	5.536	59	61898	177.327	ug/l	99
12) 1,1-Dichloroethene	4.348	96	52708	44.760	ug/l	96
13) Acrolein	4.183	56	59063	206.867	ug/l	98
14) Allyl chloride	5.030	41	76288	44.357	ug/l	98
15) Acrylonitrile	5.730	53	158286	214.664	ug/l	99
16) Acetone	4.442	43	167076	263.616	ug/l	100
17) Carbon Disulfide	4.718	76	116356	39.292	ug/l	99
18) Methyl Acetate	5.036	43	93029	44.936	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	205402	46.930	ug/l	96
20) Methylene Chloride	5.277	84	64628	45.734	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	58652	45.490	ug/l	98
22) Diisopropyl ether	6.677	45	178994	47.160	ug/l #	98
23) Vinyl Acetate	6.612	43	692809m	218.593	ug/l	
24) 1,1-Dichloroethane	6.571	63	113202	47.159	ug/l	99
25) 2-Butanone	7.488	43	216410	217.087	ug/l	99
26) 2,2-Dichloropropane	7.494	77	107369	48.621	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	75769	49.209	ug/l	96
28) Bromochloromethane	7.818	49	46207	45.664	ug/l	95
29) Tetrahydrofuran	7.841	42	129310	200.737	ug/l	97
30) Chloroform	7.965	83	125025	47.971	ug/l	96
31) Cyclohexane	8.259	56	96337	43.275	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	117016	49.441	ug/l	98
36) 1,1-Dichloropropene	8.371	75	88768	50.911	ug/l	97
37) Ethyl Acetate	7.565	43	82789	43.296	ug/l	99
38) Carbon Tetrachloride	8.365	117	100883	52.599	ug/l	97
39) Methylcyclohexane	9.600	83	114131	49.583	ug/l	100
40) Benzene	8.606	78	273275	51.188	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41690	45.508	ug/l	96
42) 1,2-Dichloroethane	8.671	62	95113	48.970	ug/l	98
43) Isopropyl Acetate	8.688	43	136090	45.883	ug/l	97
44) Trichloroethene	9.353	130	73054	54.543	ug/l	98
45) 1,2-Dichloropropane	9.624	63	67658	53.254	ug/l	99
46) Dibromomethane	9.712	93	50529	51.049	ug/l	99
47) Bromodichloromethane	9.888	83	99220	51.763	ug/l	98
48) Methyl methacrylate	9.682	41	62098	45.642	ug/l	98
49) 1,4-Dioxane	9.694	88	34179	959.344	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	434425	226.976	ug/l	98
52) Toluene	10.629	92	185520	51.986	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	106593	52.685	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	110920	51.690	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	74470	52.628	ug/l	98
56) Ethyl methacrylate	10.871	69	110196	51.054	ug/l	99
57) 1,3-Dichloropropane	11.165	76	120938	51.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	225548	270.298	ug/l	98
59) 2-Hexanone	11.194	43	340662	234.513	ug/l	99
60) Dibromochloromethane	11.359	129	81422	54.540	ug/l	99
61) 1,2-Dibromoethane	11.471	107	76690	52.885	ug/l	100
64) Tetrachloroethene	11.100	164	81989	71.975	ug/l	94
65) Chlorobenzene	11.888	112	200826	50.637	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	76961	52.311	ug/l	99
67) Ethyl Benzene	11.965	91	367431	51.494	ug/l	96
68) m/p-Xylenes	12.071	106	297016	103.741	ug/l	99
69) o-Xylene	12.400	106	145952	51.548	ug/l	98
70) Styrene	12.412	104	241908	53.583	ug/l	99
71) Bromoform	12.576	173	57079	51.819	ug/l #	99
73) Isopropylbenzene	12.694	105	379741	47.714	ug/l	98
74) N-amyl acetate	12.494	43	122965	41.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	106544	46.023	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	95318m	45.284	ug/l	
77) Bromobenzene	12.976	156	87241	49.784	ug/l	92
78) n-propylbenzene	13.035	91	447994	50.137	ug/l	99
79) 2-Chlorotoluene	13.123	91	260433	47.697	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	333423	49.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	35898	43.779	ug/l	95
82) 4-Chlorotoluene	13.123	91	260433	47.697	ug/l	98
83) tert-Butylbenzene	13.435	119	294011	49.499	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	339285	50.165	ug/l	99
85) sec-Butylbenzene	13.617	105	423285	50.942	ug/l	100
86) p-Isopropyltoluene	13.729	119	369103	53.787	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	180981	52.747	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	180391	53.124	ug/l	98
89) n-Butylbenzene	14.059	91	309976	56.094	ug/l	100
90) Hexachloroethane	14.335	117	60152	47.808	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	178778	52.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23330	43.459	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	90722	61.807	ug/l	97
94) Hexachlorobutadiene	15.500	225	42053	58.769	ug/l	98
95) Naphthalene	15.635	128	309694	54.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	89138	61.119	ug/l	99

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

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