

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110922\
 Data File : VN075226.D
 Acq On : 09 Nov 2022 18:41
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 10 02:46:19 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	111276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	203401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	193141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69712	46.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.171	113	60483	50.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.565	98	224575	48.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.847	95	84802	52.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	59312	40.974	ug/l	96
3) Chloromethane	2.371	50	57168	37.180	ug/l	94
4) Vinyl Chloride	2.518	62	85246	38.863	ug/l	94
5) Bromomethane	2.912	94	59031	36.259	ug/l	96
6) Chloroethane	3.077	64	65068	41.368	ug/l	99
7) Trichlorofluoromethane	3.477	101	108697	48.509	ug/l	97
8) Diethyl Ether	3.971	74	41546	50.833	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.359	101	59772	48.302	ug/l	97
10) Methyl Iodide	4.583	142	89195	48.416	ug/l	98
11) Tert butyl alcohol	5.547	59	82470	235.868	ug/l	98
12) 1,1-Dichloroethene	4.336	96	55253	46.842	ug/l	97
13) Acrolein	4.183	56	76733	268.306	ug/l	99
14) Allyl chloride	5.024	41	80671	46.827	ug/l	97
15) Acrylonitrile	5.730	53	182826	247.530	ug/l	99
16) Acetone	4.442	43	145430	229.079	ug/l	94
17) Carbon Disulfide	4.706	76	118357	39.901	ug/l	98
18) Methyl Acetate	5.036	43	108078	52.118	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	219663	50.105	ug/l	99
20) Methylene Chloride	5.283	84	70092	49.518	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	62717	48.561	ug/l	99
22) Diisopropyl ether	6.683	45	185881	48.893	ug/l	98
23) Vinyl Acetate	6.612	43	741613m	233.600	ug/l	
24) 1,1-Dichloroethane	6.577	63	118028	49.087	ug/l	97
25) 2-Butanone	7.494	43	236601	236.945	ug/l	98
26) 2,2-Dichloropropane	7.494	77	102648	46.405	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	80249	52.031	ug/l	95
28) Bromochloromethane	7.818	49	45801	45.187	ug/l	91
29) Tetrahydrofuran	7.841	42	154737	239.808	ug/l	98
30) Chloroform	7.971	83	133874	51.281	ug/l	99
31) Cyclohexane	8.259	56	98383	44.120	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	123317	52.017	ug/l	96
36) 1,1-Dichloropropene	8.377	75	91334	49.407	ug/l	98
37) Ethyl Acetate	7.565	43	92088	45.423	ug/l	100
38) Carbon Tetrachloride	8.365	117	106663	52.453	ug/l	99
39) Methylcyclohexane	9.600	83	115466	47.313	ug/l	99
40) Benzene	8.612	78	288466	50.964	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49122	50.573	ug/l	99
42) 1,2-Dichloroethane	8.677	62	101170	49.128	ug/l	98
43) Isopropyl Acetate	8.694	43	156665	49.819	ug/l	99
44) Trichloroethene	9.353	130	75091	52.878	ug/l	100
45) 1,2-Dichloropropane	9.624	63	70996	52.706	ug/l	99
46) Dibromomethane	9.712	93	53640	51.113	ug/l	98
47) Bromodichloromethane	9.888	83	104409	51.375	ug/l	99
48) Methyl methacrylate	9.682	41	68519	47.500	ug/l	97
49) 1,4-Dioxane	9.700	88	39908	1056.496	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	496674	244.754	ug/l	97
52) Toluene	10.629	92	191013	50.483	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	110482	51.505	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	118007	51.867	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	82270	54.837	ug/l	96
56) Ethyl methacrylate	10.876	69	117910	51.524	ug/l	96
57) 1,3-Dichloropropane	11.165	76	130403	52.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	231552	261.725	ug/l	99
59) 2-Hexanone	11.194	43	378216	245.570	ug/l	98
60) Dibromochloromethane	11.359	129	87955	55.568	ug/l	99
61) 1,2-Dibromoethane	11.471	107	82698	53.788	ug/l	99
64) Tetrachloroethene	11.106	164	73067	61.706	ug/l	95
65) Chlorobenzene	11.888	112	212495	51.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	84707	55.388	ug/l	97
67) Ethyl Benzene	11.965	91	377319	50.871	ug/l	97
68) m/p-Xylenes	12.071	106	304604	102.348	ug/l	99
69) o-Xylene	12.400	106	153833	52.267	ug/l	97
70) Styrene	12.412	104	251244	53.536	ug/l	99
71) Bromoform	12.576	173	66241	57.852	ug/l #	97
73) Isopropylbenzene	12.694	105	399154	47.671	ug/l	99
74) N-amyl acetate	12.494	43	139616	45.084	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124560	51.592	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108119m	48.824	ug/l	
77) Bromobenzene	12.982	156	95541	51.822	ug/l	89
78) n-propylbenzene	13.035	91	454288	48.325	ug/l	99
79) 2-Chlorotoluene	13.123	91	273167	47.553	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	345672	49.152	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	38231	44.317	ug/l	97
82) 4-Chlorotoluene	13.123	91	273167	47.553	ug/l	97
83) tert-Butylbenzene	13.441	119	310717	49.723	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	352349	49.518	ug/l	98
85) sec-Butylbenzene	13.617	105	438697	50.184	ug/l	99
86) p-Isopropyltoluene	13.729	119	371302	51.430	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	188159	52.125	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	190231	53.249	ug/l	98
89) n-Butylbenzene	14.059	91	298670	51.373	ug/l	98
90) Hexachloroethane	14.335	117	63884	48.261	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	192714	53.701	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27292	48.323	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	96063	62.207	ug/l	98
94) Hexachlorobutadiene	15.500	225	42726	56.754	ug/l	99
95) Naphthalene	15.641	128	342410	57.659	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95168	62.024	ug/l	97

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

