

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080922\
 Data File : VX030537.D
 Acq On : 09 Aug 2022 19:33
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050774

Quant Time: Aug 10 01:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	282587	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	255878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94381	52.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 104.020%	
7) Chloroethane-d5	1.666	69	75925	59.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 118.700%	
11) 1,1-Dichloroethene-d2	2.306	63	184402	53.719	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.440%	
21) 2-Butanone-d5	4.483	46	215269	128.027	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	= 128.030%	
24) Chloroform-d	5.068	84	210988	56.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.960%	
26) 1,2-Dichloroethane-d4	5.964	65	144766	57.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.140%	
32) Benzene-d6	5.983	84	394385	53.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.620%	
36) 1,2-Dichloropropane-d6	7.318	67	133150	55.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.980%	
41) Toluene-d8	8.653	98	366220	53.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.020%	
43) trans-1,3-Dichloroprop...	8.958	79	61676	52.134	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.260%	
47) 2-Hexanone-d5	9.390	63	145796	120.281	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 120.280%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	179816	57.560	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 115.120%	
66) 1,2-Dichlorobenzene-d4	12.323	152	124868	51.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	106990	50.315	ug/L	99
3) Chloromethane	1.294	50	95504	52.233	ug/L	97
5) Vinyl chloride	1.374	62	98337	50.351	ug/L	100
6) Bromomethane	1.611	94	29348	31.977	ug/L	94
8) Chloroethane	1.691	64	62520	56.200	ug/L	97
9) Trichlorofluoromethane	1.886	101	145388	50.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79892	46.536	ug/L	96
12) 1,1-Dichloroethene	2.319	96	75581	47.786	ug/L	93
13) Acetone	2.404	43	138133	112.092	ug/L	99
14) Carbon disulfide	2.514	76	245200	47.831	ug/L	100
15) Methyl Acetate	2.715	43	149960	58.791	ug/L	98
16) Methylene chloride	2.794	84	106684	53.194	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	91694	50.041	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	333492	53.518	ug/L	99
19) 1,1-Dichloroethane	3.617	63	193067	54.476	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	107625	52.213	ug/L	93
22) 2-Butanone	4.580	43	227564	117.059	ug/L	99
23) Bromochloromethane	4.910	128	52871	51.148	ug/L	93
25) Chloroform	5.111	83	202767	54.453	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	171370	55.294	ug/L	97
29) Cyclohexane	5.483	56	161310	47.421	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	168475	49.916	ug/L	99
31) Carbon tetrachloride	5.684	117	138367	49.671	ug/L	99
33) Benzene	6.050	78	419682	51.156	ug/L	100
34) Trichloroethene	7.135	95	111751	47.031	ug/L	91
35) Methylcyclohexane	7.385	83	157718	45.595	ug/L	99
37) 1,2-Dichloropropane	7.440	63	112338	51.500	ug/L	99
38) Bromodichloromethane	7.830	83	152130	52.696	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	162770	50.022	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	434980	114.510	ug/L	98
42) Toluene	8.726	91	433045	49.967	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	161136	50.594	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	108099	53.295	ug/L	99
46) Tetrachloroethene	9.281	164	69445	46.245	ug/L	97
48) 2-Hexanone	9.433	43	345388	117.024	ug/L	98
49) Dibromochloromethane	9.525	129	109580	50.782	ug/L	99
50) 1,2-Dibromoethane	9.616	107	114056	51.134	ug/L #	100
51) Chlorobenzene	10.085	112	267482	49.540	ug/L	96
52) Ethylbenzene	10.195	91	472170	49.966	ug/L	100
53) m,p-Xylene	10.305	106	173313	49.206	ug/L	96
54) o-Xylene	10.646	106	175468	49.994	ug/L	100
55) Styrene	10.659	104	307153	51.975	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	173689	56.279	ug/L	99
59) Bromoform	10.805	173	72993	53.738	ug/L	98
60) Isopropylbenzene	10.963	105	456407	51.622	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	153142	57.170	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	394996	52.329	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	391748	51.391	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	190995	49.694	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	193154	49.437	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	194221	48.866	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	45571	51.573	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	126550	46.952	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	111031	46.905	ug/L	94
71) Naphthalene	13.780	128	491619	50.173	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	119425	47.762	ug/L	99

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

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