

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030417.D
 Acq On : 05 Aug 2022 08:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050765

Quant Time: Aug 06 00:52:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	321735	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293264	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	145187	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88812	42.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.960%
7) Chloroethane-d5	1.666	69	70544	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.306	63	172675	44.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
21) 2-Butanone-d5	4.459	46	188686	98.563	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.560%
24) Chloroform-d	5.056	84	194906	45.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
26) 1,2-Dichloroethane-d4	5.952	65	131242	45.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.970	84	365233	43.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.312	67	121384	44.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	8.647	98	336603	42.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.020%
43) trans-1,3-Dichloroprop...	8.952	79	59131	43.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.220%
47) 2-Hexanone-d5	9.384	63	128148	92.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.240%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163339	45.620	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	121788	43.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122469	50.587	ug/L	99
3) Chloromethane	1.294	50	107247	51.519	ug/L	99
5) Vinyl chloride	1.374	62	113274	50.942	ug/L	96
6) Bromomethane	1.611	94	54253	51.920	ug/L	98
8) Chloroethane	1.685	64	68266	53.898	ug/L	98
9) Trichlorofluoromethane	1.886	101	169410	51.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	94280	48.234	ug/L	98
12) 1,1-Dichloroethene	2.319	96	86784	48.192	ug/L	82
13) Acetone	2.392	43	134066	95.554	ug/L	98
14) Carbon disulfide	2.508	76	284321	48.714	ug/L	99
15) Methyl Acetate	2.709	43	147541	50.805	ug/L	99
16) Methylene chloride	2.788	84	112446	49.245	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	104228	49.960	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	350243	49.367	ug/L	100
19) 1,1-Dichloroethane	3.611	63	205436	50.913	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	115507	49.218	ug/L	97
22) 2-Butanone	4.562	43	220803	99.761	ug/L	100
23) Bromochloromethane	4.897	128	57158	48.567	ug/L	98
25) Chloroform	5.093	83	212571	50.140	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	176882	50.128	ug/L	99
29) Cyclohexane	5.471	56	194221	49.817	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	184566	47.712	ug/L	99
31) Carbon tetrachloride	5.672	117	155964	48.850	ug/L	99
33) Benzene	6.037	78	453589	48.241	ug/L	100
34) Trichloroethene	7.123	95	127072	46.662	ug/L	87
35) Methylcyclohexane	7.379	83	194536	49.070	ug/L	99
37) 1,2-Dichloropropane	7.434	63	119364	47.745	ug/L	100
38) Bromodichloromethane	7.824	83	159220	48.121	ug/L	91
39) cis-1,3-Dichloropropene	8.366	75	179131	48.032	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	426720	98.015	ug/L	99
42) Toluene	8.720	91	488024	49.132	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	177384	48.596	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	111724	48.060	ug/L	96
46) Tetrachloroethene	9.275	164	83406	48.462	ug/L	99
48) 2-Hexanone	9.433	43	341244	100.880	ug/L	98
49) Dibromochloromethane	9.525	129	117793	47.629	ug/L	97
50) 1,2-Dibromoethane	9.610	107	117867	46.106	ug/L #	100
51) Chlorobenzene	10.079	112	299496	48.398	ug/L	98
52) Ethylbenzene	10.195	91	533818	49.289	ug/L	100
53) m,p-Xylene	10.305	106	200315	49.622	ug/L	99
54) o-Xylene	10.640	106	195034	48.485	ug/L	98
55) Styrene	10.659	104	339696	50.154	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	174073	49.213	ug/L	98
59) Bromoform	10.799	173	76412	48.330	ug/L	99
60) Isopropylbenzene	10.963	105	522713	50.792	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	155978	50.026	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	454688	51.751	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	445049	50.158	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	217453	48.607	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	223943	49.242	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	216367	46.769	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	45623	44.358	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	150979	48.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	135045	49.013	ug/L	98
71) Naphthalene	13.774	128	532801	46.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	139315	47.867	ug/L	99

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

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