

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035157.D
 Acq On : 19 Apr 2023 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050630

Quant Time: Apr 20 02:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	528931	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	463919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	227777	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	138891	40.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.440%
7) Chloroethane-d5	1.673	69	103764	42.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.307	65	69130	42.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
21) 2-Butanone-d5	4.459	46	204885	90.147	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.150%
24) Chloroform-d	5.056	84	284009	44.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	5.952	65	182440	44.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
32) Benzene-d6	5.971	84	579458	43.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
36) 1,2-Dichloropropane-d6	7.306	67	180745	44.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.800%
41) Toluene-d8	8.647	98	534768	43.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.946	79	82328	46.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
47) 2-Hexanone-d5	9.385	63	148255	90.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	231903	46.516	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	12.317	152	194980	44.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	182680	46.083	ug/L	100
3) Chloromethane	1.295	50	161220	44.689	ug/L	99
5) Vinyl chloride	1.374	62	165203	44.128	ug/L	95
6) Bromomethane	1.618	94	88370	39.743	ug/L	99
8) Chloroethane	1.691	64	91968	44.047	ug/L	98
9) Trichlorofluoromethane	1.892	101	236542	46.658	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	163584	47.231	ug/L	100
12) 1,1-Dichloroethene	2.319	96	145356	45.998	ug/L	99
13) Acetone	2.392	43	228453	135.526	ug/L	99
14) Carbon disulfide	2.514	76	359617	46.061	ug/L	100
15) Methyl Acetate	2.703	43	167654	46.429	ug/L	100
16) Methylene chloride	2.788	84	162032	46.051	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	147711	45.394	ug/L	96
18) Methyl tert-butyl Ether	3.105	73	533279	47.389	ug/L	100
19) 1,1-Dichloroethane	3.605	63	288728	46.030	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	175362	46.095	ug/L	97
22) 2-Butanone	4.562	43	276373	106.815	ug/L	100
23) Bromochloromethane	4.898	128	89201	47.340	ug/L	97
25) Chloroform	5.093	83	300087	47.185	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	240668	47.247	ug/L	99
29) Cyclohexane	5.471	56	254692	45.437	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	246873	45.373	ug/L	99
31) Carbon tetrachloride	5.672	117	215471	46.702	ug/L	100
33) Benzene	6.038	78	652329	46.432	ug/L	100
34) Trichloroethene	7.123	95	171952	46.010	ug/L	99
35) Methylcyclohexane	7.379	83	235679	46.826	ug/L	99
37) 1,2-Dichloropropane	7.428	63	175840	47.539	ug/L	100
38) Bromodichloromethane	7.818	83	209215	47.871	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	273281	49.412	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	457869	93.903	ug/L	100
42) Toluene	8.714	91	689667	47.315	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	245767	49.317	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	170087	48.459	ug/L	99
46) Tetrachloroethene	9.275	164	132801	47.704	ug/L	99
48) 2-Hexanone	9.427	43	373254	100.823	ug/L	98
49) Dibromochloromethane	9.519	129	163549	49.030	ug/L	99
50) 1,2-Dibromoethane	9.610	107	176170	48.237	ug/L	100
51) Chlorobenzene	10.080	112	459274	47.826	ug/L	100
52) Ethylbenzene	10.195	91	761750	47.276	ug/L	99
53) m,p-Xylene	10.299	106	294252	47.690	ug/L	100
54) o-Xylene	10.640	106	288391	47.540	ug/L	97
55) Styrene	10.653	104	496053	48.264	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	251267	48.574	ug/L	98
59) Bromoform	10.799	173	112365	47.922	ug/L	100
60) Isopropylbenzene	10.964	105	730779	47.183	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	196009	46.609	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	603451	47.643	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	603715	47.935	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	333760	47.249	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	342700	47.412	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	336839	47.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	48286	46.533	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	212217	48.596	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	202376	49.492	ug/L	99
71) Naphthalene	13.774	128	705508	48.437	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	199571	49.439	ug/L	98

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

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