

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035122.D
 Acq On : 18 Apr 2023 14:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050627

Quant Time: Apr 19 00:46:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	504976	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	442043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	217926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	156920	48.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.380%
7) Chloroethane-d5	1.672	69	116422	49.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.960%
11) 1,1-Dichloroethene-d2	2.306	65	76667	49.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.420%
21) 2-Butanone-d5	4.459	46	233814	107.756	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.760%
24) Chloroform-d	5.056	84	311096	50.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
26) 1,2-Dichloroethane-d4	5.952	65	199774	50.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
32) Benzene-d6	5.970	84	636482	50.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
36) 1,2-Dichloropropane-d6	7.306	67	196622	50.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	8.647	98	585175	50.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	8.952	79	90574	53.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.860%
47) 2-Hexanone-d5	9.384	63	172210	110.558	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	249430	52.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	212951	50.425	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	197049	52.066	ug/L	100
3) Chloromethane	1.294	50	177424	51.514	ug/L	100
5) Vinyl chloride	1.374	62	179976	50.354	ug/L	98
6) Bromomethane	1.618	94	110384	51.999	ug/L	99
8) Chloroethane	1.691	64	103310	51.826	ug/L	94
9) Trichlorofluoromethane	1.886	101	253649	52.406	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	177095	53.558	ug/L	99
12) 1,1-Dichloroethene	2.319	96	155637	51.588	ug/L	98
13) Acetone	2.392	43	176187	109.478	ug/L	100
14) Carbon disulfide	2.514	76	397612	53.344	ug/L	99
15) Methyl Acetate	2.703	43	186704	54.157	ug/L	99
16) Methylene chloride	2.788	84	175185	52.151	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	161947	52.130	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	576596	53.669	ug/L	100
19) 1,1-Dichloroethane	3.611	63	315859	52.744	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	188995	52.035	ug/L	99
22) 2-Butanone	4.562	43	279882	113.302	ug/L	99
23) Bromochloromethane	4.897	128	94214	52.372	ug/L	99
25) Chloroform	5.093	83	322955	53.190	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	259163	53.292	ug/L	100
29) Cyclohexane	5.471	56	277724	51.998	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	272945	52.647	ug/L	99
31) Carbon tetrachloride	5.678	117	237794	54.091	ug/L	100
33) Benzene	6.038	78	702102	52.448	ug/L	100
34) Trichloroethene	7.123	95	186951	52.499	ug/L	96
35) Methylcyclohexane	7.379	83	255026	53.178	ug/L	99
37) 1,2-Dichloropropane	7.428	63	188949	53.611	ug/L	100
38) Bromodichloromethane	7.818	83	225892	54.245	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	293967	55.782	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	513386	110.500	ug/L	100
42) Toluene	8.720	91	734108	52.856	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	272028	57.289	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	181853	54.375	ug/L	99
46) Tetrachloroethene	9.275	164	143663	54.160	ug/L	98
48) 2-Hexanone	9.427	43	398817	113.060	ug/L	99
49) Dibromochloromethane	9.519	129	178470	56.151	ug/L	100
50) 1,2-Dibromoethane	9.610	107	190915	54.861	ug/L	100
51) Chlorobenzene	10.079	112	481539	52.626	ug/L	100
52) Ethylbenzene	10.195	91	822990	53.604	ug/L	99
53) m,p-Xylene	10.299	106	317263	53.964	ug/L	98
54) o-Xylene	10.640	106	311021	53.808	ug/L	99
55) Styrene	10.653	104	534402	54.568	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	271016	54.985	ug/L	100
59) Bromoform	10.799	173	123603	55.098	ug/L	100
60) Isopropylbenzene	10.963	105	783598	52.881	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	212716	52.868	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	648507	53.514	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	652451	54.146	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	359592	53.207	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	365566	52.861	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	362111	52.843	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	55606	56.009	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	230715	55.220	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	219458	56.096	ug/L	98
71) Naphthalene	13.774	128	774770	55.597	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	214649	55.577	ug/L	100

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

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