

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033998.D
 Acq On : 02 Feb 2023 19:23
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050615

Quant Time: Feb 03 05:11:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:22:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	121924	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	106277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36199	44.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.160%
7) Chloroethane-d5	1.672	69	25152	51.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.040%
11) 1,1-Dichloroethene-d2	2.312	63	69653	46.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.620%
21) 2-Butanone-d5	4.452	46	51961	111.612	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.610%
24) Chloroform-d	5.062	84	74151	50.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
26) 1,2-Dichloroethane-d4	5.958	65	44798	50.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
32) Benzene-d6	5.970	84	151063	49.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
36) 1,2-Dichloropropane-d6	7.312	67	44901	49.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.700%
41) Toluene-d8	8.647	98	141357	48.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.820%
43) trans-1,3-Dichloroprop...	8.952	79	19756	48.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.680%
47) 2-Hexanone-d5	9.384	63	37411	110.765	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.760%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	59329	52.533	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.060%
66) 1,2-Dichlorobenzene-d4	12.323	152	58399	51.083	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39709	43.777	ug/L	98
3) Chloromethane	1.294	50	35213	42.530	ug/L	99
5) Vinyl chloride	1.374	62	35519	42.425	ug/L	100
6) Bromomethane	1.611	94	19600	45.146	ug/L	100
8) Chloroethane	1.691	64	19661	44.176	ug/L	98
9) Trichlorofluoromethane	1.892	101	52111	43.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	35972	43.836	ug/L	99
12) 1,1-Dichloroethene	2.325	96	33478	44.597	ug/L	100
13) Acetone	2.380	43	33994	70.975	ug/L	99
14) Carbon disulfide	2.514	76	90097	44.344	ug/L	100
15) Methyl Acetate	2.703	43	36146	47.370	ug/L	99
16) Methylene chloride	2.788	84	36746	46.225	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	34752	44.846	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	99482	44.092	ug/L	99
19) 1,1-Dichloroethane	3.611	63	61615	45.559	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	40462	45.690	ug/L	97
22) 2-Butanone	4.556	43	49612	83.369	ug/L	97
23) Bromochloromethane	4.897	128	22302	45.875	ug/L	94
25) Chloroform	5.092	83	64837	46.425	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	49685	46.353	ug/L	99
29) Cyclohexane	5.470	56	55609	42.781	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	52276	43.519	ug/L	99
31) Carbon tetrachloride	5.678	117	49655	44.431	ug/L	98
33) Benzene	6.037	78	142128	44.973	ug/L	100
34) Trichloroethene	7.129	95	37007	43.208	ug/L	98
35) Methylcyclohexane	7.379	83	59505	43.570	ug/L	99
37) 1,2-Dichloropropane	7.427	63	34846	43.291	ug/L	100
38) Bromodichloromethane	7.824	83	45988	44.933	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	53552	43.346	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	89626	90.482	ug/L	98
42) Toluene	8.720	91	151958	44.950	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	48158	43.805	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	37018	45.432	ug/L	99
46) Tetrachloroethene	9.275	164	36348	44.201	ug/L	97
48) 2-Hexanone	9.433	43	69120	87.562	ug/L	99
49) Dibromochloromethane	9.518	129	38994	44.355	ug/L	96
50) 1,2-Dibromoethane	9.610	107	40157	45.862	ug/L	99
51) Chlorobenzene	10.079	112	102992	45.095	ug/L	96
52) Ethylbenzene	10.195	91	163818	44.094	ug/L	100
53) m,p-Xylene	10.299	106	65525	43.938	ug/L	98
54) o-Xylene	10.640	106	64051	44.457	ug/L	95
55) Styrene	10.659	104	110077	45.542	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	52918	46.198	ug/L	98
59) Bromoform	10.799	173	30722	44.198	ug/L	98
60) Isopropylbenzene	10.963	105	168170	45.069	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	40598	46.821	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	137743	45.099	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	136134	45.220	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	81177	43.751	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	82466	43.916	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	81252	44.784	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	9717	45.740	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	60071	42.930	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	53822	42.371	ug/L	99
71) Naphthalene	13.774	128	161710	45.984	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	54541	43.495	ug/L	98

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

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