

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039076.D
 Acq On : 05 Dec 2023 11:47
 Operator : JC/MD
 Sample : VSTD20060
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200660

Quant Time: Dec 06 02:11:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	260149	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	411716	201.775	ug/L	0.00
7) Chloroethane-d5	1.654	69	293402	194.537	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	65	182390	203.631	ug/L	0.00
21) 2-Butanone-d5	4.452	46	769690	416.719	ug/L	0.00
24) Chloroform-d	5.056	84	750688	207.826	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	466863	199.573	ug/L	0.00
32) Benzene-d6	5.976	84	1526436	200.707	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	505004	206.332	ug/L	0.00
41) Toluene-d8	8.647	98	1366773	198.309	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	266001	213.567	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	627503	429.257	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	730293	210.334	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	479820	195.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	413115	199.125	ug/L	100
3) Chloromethane	1.294	50	446673	205.987	ug/L	99
5) Vinyl chloride	1.374	62	423638	198.223	ug/L	99
6) Bromomethane	1.599	94	192464	166.842	ug/L	99
8) Chloroethane	1.672	64	234024	193.690	ug/L	99
9) Trichlorofluoromethane	1.880	101	553703	199.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	354138	198.765	ug/L	99
12) 1,1-Dichloroethene	2.319	96	337648	201.471	ug/L	81
13) Acetone	2.379	43	667083	375.951	ug/L	99
14) Carbon disulfide	2.508	76	1088994	204.200	ug/L	100
15) Methyl Acetate	2.703	43	518440	204.416	ug/L	100
16) Methylene chloride	2.788	84	393009	204.107	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	356545	201.917	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	1248279	203.090	ug/L	100
19) 1,1-Dichloroethane	3.605	63	708679	202.973	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	413788	202.032	ug/L	99
22) 2-Butanone	4.550	43	870586	399.787	ug/L	98
23) Bromochloromethane	4.897	128	198218	205.879	ug/L	97
25) Chloroform	5.086	83	704635	202.335	ug/L	100
27) 1,2-Dichloroethane	6.086	62	561039	204.117	ug/L	98
29) Cyclohexane	5.470	56	689232	199.937	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	601737	201.252	ug/L	99
31) Carbon tetrachloride	5.678	117	515516	206.654	ug/L	99
33) Benzene	6.037	78	1552856	198.288	ug/L	100
34) Trichloroethene	7.123	95	417190	201.578	ug/L	99
35) Methylcyclohexane	7.379	83	682126	197.897	ug/L	99
37) 1,2-Dichloropropane	7.427	63	436703	201.068	ug/L	100
38) Bromodichloromethane	7.818	83	547162	207.126	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	707331	204.193	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	1507194	414.052	ug/L	100
42) Toluene	8.720	91	1618652	194.911	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	677791	210.848	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	402713	202.328	ug/L	98
46) Tetrachloroethene	9.275	164	273340	200.210	ug/L	98
48) 2-Hexanone	9.433	43	1259294	413.343	ug/L	100
49) Dibromochloromethane	9.518	129	413711	213.356	ug/L	100
50) 1,2-Dibromoethane	9.610	107	437541	205.189	ug/L	98
51) Chlorobenzene	10.079	112	1018021	198.458	ug/L	97
52) Ethylbenzene	10.195	91	1836234	197.785	ug/L	98
53) m,p-Xylene	10.299	106	690738	198.991	ug/L	99
54) o-Xylene	10.640	106	665482	199.797	ug/L	100
55) Styrene	10.652	104	1162222	203.930	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	707684	203.730	ug/L	100
59) Bromoform	10.799	173	320983	210.673	ug/L	100
60) Isopropylbenzene	10.963	105	1790833	189.049	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	555693	195.675	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1555496	194.500	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1540061	196.388	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	790413	194.944	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	785813	191.260	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	740705	190.977	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	180570	203.733	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	528666	197.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	497545	196.830	ug/L	99
71) Naphthalene	13.774	128	1751372	202.023	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	486003	198.564	ug/L	99

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

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