

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039073.D
 Acq On : 05 Dec 2023 10:38
 Operator : JC/MD
 Sample : VSTD01057
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010657

Quant Time: Dec 06 02:09:29 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	272492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	254405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	21338	9.984	ug/L	0.00
7) Chloroethane-d5	1.672	69	15687	9.930	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	9319	9.933	ug/L	0.00
21) 2-Butanone-d5	4.452	46	37637	19.454	ug/L	0.00
24) Chloroform-d	5.056	84	37193	9.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	25297	10.324	ug/L	0.00
32) Benzene-d6	5.970	84	78658	10.018	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	25188	9.969	ug/L	0.00
41) Toluene-d8	8.647	98	73122	10.277	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	12608	9.805	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	28788	19.076	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	35245	9.833	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	24065	10.337	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22396	10.306	ug/L	100
3) Chloromethane	1.294	50	23239	10.231	ug/L	99
5) Vinyl chloride	1.374	62	23053	10.298	ug/L	100
6) Bromomethane	1.611	94	12875	10.655	ug/L	94
8) Chloroethane	1.691	64	13502	10.669	ug/L	97
9) Trichlorofluoromethane	1.892	101	30293	10.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	19001	10.182	ug/L	97
12) 1,1-Dichloroethene	2.325	96	17943	10.221	ug/L	86
13) Acetone	2.373	43	39035	21.003	ug/L	100
14) Carbon disulfide	2.514	76	57327	10.263	ug/L	98
15) Methyl Acetate	2.697	43	26882	10.119	ug/L	98
16) Methylene chloride	2.788	84	20483	10.156	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	18810	10.170	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	66943	10.398	ug/L	99
19) 1,1-Dichloroethane	3.605	63	37654	10.296	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	21928	10.221	ug/L	97
22) 2-Butanone	4.556	43	46852	20.541	ug/L	99
23) Bromochloromethane	4.897	128	10274	10.188	ug/L	80
25) Chloroform	5.092	83	37404	10.254	ug/L	98
27) 1,2-Dichloroethane	6.086	62	29588	10.277	ug/L #	94
29) Cyclohexane	5.476	56	36878	10.362	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	31822	10.309	ug/L	99
31) Carbon tetrachloride	5.672	117	26040	10.111	ug/L	99
33) Benzene	6.037	78	83768	10.361	ug/L	100
34) Trichloroethene	7.129	95	21772	10.190	ug/L	94
35) Methylcyclohexane	7.379	83	37627	10.574	ug/L	99
37) 1,2-Dichloropropane	7.433	63	23203	10.348	ug/L	100
38) Bromodichloromethane	7.824	83	27705	10.159	ug/L #	98
39) cis-1,3-Dichloropropene	8.366	75	36157	10.111	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	76505	20.358	ug/L	98
42) Toluene	8.720	91	89369	10.424	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	32436	9.774	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	20806	10.125	ug/L	98
46) Tetrachloroethene	9.275	164	14613	10.368	ug/L	97
48) 2-Hexanone	9.427	43	62563	19.891	ug/L	99
49) Dibromochloromethane	9.518	129	19570	9.776	ug/L	99
50) 1,2-Dibromoethane	9.610	107	22737	10.328	ug/L	98
51) Chlorobenzene	10.079	112	55707	10.519	ug/L	98
52) Ethylbenzene	10.189	91	99129	10.343	ug/L	99
53) m,p-Xylene	10.299	106	37723	10.527	ug/L	100
54) o-Xylene	10.640	106	35841	10.423	ug/L	99
55) Styrene	10.652	104	59604	10.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	36311	10.126	ug/L	99
59) Bromoform	10.799	173	14800	10.224	ug/L	100
60) Isopropylbenzene	10.963	105	96167	10.685	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	28939	10.726	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	79321	10.440	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	78354	10.517	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	40931	10.626	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	41600	10.657	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	39332	10.674	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	8440	10.023	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	26400	10.363	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	24603	10.244	ug/L	98
71) Naphthalene	13.774	128	84960	10.315	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	23824	10.245	ug/L	97

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

