

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122222\
 Data File : VX033541.D
 Acq On : 22 Dec 2022 13:41
 Operator : JC/MD
 Sample : VSTD01002
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010602

Quant Time: Dec 23 05:34:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 23 04:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244046	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	213392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	13312	10.254	ug/L	0.00
7) Chloroethane-d5	1.672	69	8770	8.638	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	20377	9.831	ug/L	0.00
21) 2-Butanone-d5	4.464	46	18925	20.069	ug/L	0.00
24) Chloroform-d	5.056	84	32132	9.984	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	20642	10.344	ug/L	0.00
32) Benzene-d6	5.976	84	62103	10.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	17944	10.078	ug/L	0.00
41) Toluene-d8	8.653	98	59678	10.089	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	7701	8.947	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	14525	19.900	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	24605	10.078	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	22045	10.205	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	5850	9.932	ug/L	99
3) Chloromethane	1.294	50	7319	9.897	ug/L	99
5) Vinyl chloride	1.374	62	9537	9.759	ug/L	98
6) Bromomethane	1.617	94	5349	9.201	ug/L	98
8) Chloroethane	1.691	64	5401	8.307	ug/L	88
9) Trichlorofluoromethane	1.892	101	16060	9.930	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9713	9.439	ug/L	98
12) 1,1-Dichloroethene	2.325	96	8609	9.304	ug/L	79
13) Acetone	2.392	43	11816	19.507	ug/L	96
14) Carbon disulfide	2.520	76	28576	10.149	ug/L	99
15) Methyl Acetate	2.709	43	12210	10.082	ug/L	98
16) Methylene chloride	2.794	84	13304	9.604	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	13064	9.532	ug/L	87
18) Methyl tert-butyl Ether	3.111	73	41744	9.610	ug/L	99
19) 1,1-Dichloroethane	3.611	63	23196	9.751	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	15901	9.899	ug/L	91
22) 2-Butanone	4.568	43	20488	20.538	ug/L	98
23) Bromochloromethane	4.897	128	8621	10.026	ug/L	96
25) Chloroform	5.092	83	27052	9.787	ug/L	94
27) 1,2-Dichloroethane	6.086	62	20829	9.878	ug/L	99
29) Cyclohexane	5.470	56	20044	9.611	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	24355	9.814	ug/L	99
31) Carbon tetrachloride	5.684	117	21292	9.668	ug/L	99
33) Benzene	6.037	78	56172	9.905	ug/L	100
34) Trichloroethene	7.129	95	15525	9.818	ug/L	97
35) Methylcyclohexane	7.379	83	22291	9.618	ug/L	99
37) 1,2-Dichloropropane	7.433	63	13938	9.967	ug/L	# 96
38) Bromodichloromethane	7.824	83	20096	9.737	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	20899	9.197	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	33914	19.581	ug/L	100
42) Toluene	8.720	91	62370	9.730	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	19379	9.084	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	14994	9.905	ug/L	96
46) Tetrachloroethene	9.275	164	13211	9.898	ug/L	96
48) 2-Hexanone	9.433	43	28522	20.734	ug/L	99
49) Dibromochloromethane	9.518	129	17079	9.661	ug/L	94
50) 1,2-Dibromoethane	9.610	107	15897	9.728	ug/L	100
51) Chlorobenzene	10.079	112	41538	9.766	ug/L	97
52) Ethylbenzene	10.195	91	67520	9.615	ug/L	97
53) m,p-Xylene	10.305	106	26600	9.497	ug/L	97
54) o-Xylene	10.640	106	26250	9.583	ug/L	93
55) Styrene	10.652	104	43444	9.411	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	22069	9.970	ug/L	100
59) Bromoform	10.799	173	11574	9.545	ug/L	99
60) Isopropylbenzene	10.963	105	69234	10.055	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	17327	10.564	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	58165	9.944	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	56176	9.769	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	31047	9.872	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	31921	10.034	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	31488	10.145	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	4325	9.809	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	20146	9.573	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	17873	9.377	ug/L	99
71) Naphthalene	13.774	128	58274	9.357	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	18142	9.538	ug/L	98

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

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