

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035115.D
 Acq On : 18 Apr 2023 12:04
 Operator : JC/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005632

Quant Time: Apr 19 00:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	554938	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	476493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	17326	4.842	ug/L	0.00
7) Chloroethane-d5	1.672	69	12650	4.892	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	8213	1.381	ug/L	0.00
21) 2-Butanone-d5	4.477	46	21266	8.901	ug/L	0.01
24) Chloroform-d	5.056	84	31306	4.646	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	20713	4.787	ug/L	0.00
32) Benzene-d6	5.976	84	65700	4.800	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	19675	4.706	ug/L	0.00
41) Toluene-d8	8.647	98	60683	4.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	7007	3.835	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	14569	8.677	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23731	4.634	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	21259	4.884	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18676	4.490	ug/L	98
3) Chloromethane	1.294	50	16744	4.424	ug/L	99
5) Vinyl chloride	1.374	62	17564	4.472	ug/L	99
6) Bromomethane	1.617	94	10390	4.454	ug/L	97
8) Chloroethane	1.691	64	9706	4.431	ug/L	93
9) Trichlorofluoromethane	1.892	101	23387	4.397	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	16170	4.450	ug/L	99
12) 1,1-Dichloroethene	2.325	96	14202	4.284	ug/L	82
13) Acetone	2.404	43	17038	9.634	ug/L	98
14) Carbon disulfide	2.514	76	32619	3.982	ug/L	98
15) Methyl Acetate	2.709	43	16125	4.256	ug/L	94
16) Methylene chloride	2.788	84	16969	4.597	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	15039	4.405	ug/L	88
18) Methyl tert-butyl Ether	3.111	73	50669	4.292	ug/L	99
19) 1,1-Dichloroethane	3.605	63	28908	4.393	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	17596	4.408	ug/L	88
22) 2-Butanone	4.574	43	23403	8.621	ug/L	97
23) Bromochloromethane	4.910	128	8352	4.225	ug/L	92
25) Chloroform	5.092	83	28643	4.293	ug/L	92
27) 1,2-Dichloroethane	6.092	62	23430	4.384	ug/L	98
29) Cyclohexane	5.470	56	25542	4.436	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	23119	4.137	ug/L	98
31) Carbon tetrachloride	5.678	117	18928	3.994	ug/L	98
33) Benzene	6.037	78	65012	4.505	ug/L	100
34) Trichloroethene	7.129	95	17092	4.453	ug/L	90
35) Methylcyclohexane	7.379	83	23575	4.560	ug/L	97
37) 1,2-Dichloropropane	7.433	63	16720	4.401	ug/L	98
38) Bromodichloromethane	7.824	83	17263	3.846	ug/L #	96
39) cis-1,3-Dichloropropene	8.366	75	20426	3.596	ug/L	94
40) 4-Methyl-2-pentanone	8.573	43	42157	8.418	ug/L	99
42) Toluene	8.720	91	65670	4.386	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	17773	3.472	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035115.D
 Acq On : 18 Apr 2023 12:04
 Operator : JC/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005632

Quant Time: Apr 19 00:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:30:16 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	9.153	97	15510	4.302	ug/L	99
46) Tetrachloroethene	9.275	164	12182	4.260	ug/L	97
48) 2-Hexanone	9.433	43	30687	8.070	ug/L	96
49) Dibromochloromethane	9.518	129	12327	3.598	ug/L	97
50) 1,2-Dibromoethane	9.610	107	15417	4.110	ug/L #	100
51) Chlorobenzene	10.079	112	43773	4.438	ug/L	97
52) Ethylbenzene	10.195	91	73307	4.430	ug/L	95
53) m,p-Xylene	10.299	106	26216	4.137	ug/L	95
54) o-Xylene	10.640	106	26419	4.240	ug/L	100
55) Styrene	10.658	104	43167	4.089	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	22289	4.195	ug/L	98
59) Bromoform	10.799	173	7792	3.370	ug/L	96
60) Isopropylbenzene	10.963	105	67897	4.445	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	18688	4.506	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	53861	4.312	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	52610	4.236	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	29177	4.189	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	30970	4.345	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	31576	4.471	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	3673	3.589	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	17945	4.167	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	17010	4.218	ug/L	95
71) Naphthalene	13.780	128	57490	4.002	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	16393	4.118	ug/L	95

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

