

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035119.D
 Acq On : 18 Apr 2023 13:37
 Operator : JC/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200636

Quant Time: Apr 19 00:32:55 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	6.763	114	501229	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	443250	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	221347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	676573	209.341	ug/L	0.00
7) Chloroethane-d5	1.672	69	468882	200.775	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	329274	61.305	ug/L	0.00
21) 2-Butanone-d5	4.459	46	912998	423.078	ug/L	0.00
24) Chloroform-d	5.056	84	1313983	215.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	816634	208.939	ug/L	0.00
32) Benzene-d6	5.977	84	2654292	208.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	829322	213.224	ug/L	0.00
41) Toluene-d8	8.647	98	2398677	206.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	419274	246.668	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	685282	438.751	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	997321	209.376	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	877518	204.576	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	772481	205.636	ug/L	100
3) Chloromethane	1.294	50	697483	204.023	ug/L	100
5) Vinyl chloride	1.374	62	722242	203.581	ug/L	98
6) Bromomethane	1.618	94	430876	204.491	ug/L	99
8) Chloroethane	1.691	64	392641	198.442	ug/L	98
9) Trichlorofluoromethane	1.886	101	983364	204.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	673309	205.147	ug/L	100
12) 1,1-Dichloroethene	2.319	96	628058	209.736	ug/L	94
13) Acetone	2.392	43	600033	375.633	ug/L	100
14) Carbon disulfide	2.514	76	1665738	225.146	ug/L	100
15) Methyl Acetate	2.703	43	693427	202.647	ug/L	99
16) Methylene chloride	2.788	84	679340	203.744	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	646214	209.569	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	2212387	207.465	ug/L	99
19) 1,1-Dichloroethane	3.611	63	1242786	209.078	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	752861	208.829	ug/L	99
22) 2-Butanone	4.562	43	982968	400.902	ug/L	99
23) Bromochloromethane	4.897	128	378809	212.148	ug/L	98
25) Chloroform	5.093	83	1262118	209.423	ug/L	99
27) 1,2-Dichloroethane	6.086	62	1000397	207.250	ug/L	98
29) Cyclohexane	5.471	56	1101629	205.693	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	1122178	215.862	ug/L	98
31) Carbon tetrachloride	5.678	117	986603	223.811	ug/L	100
33) Benzene	6.038	78	2717813	202.470	ug/L	100
34) Trichloroethene	7.123	95	745978	208.915	ug/L	98
35) Methylcyclohexane	7.379	83	991981	206.285	ug/L	100
37) 1,2-Dichloropropane	7.428	63	732587	207.293	ug/L	99
38) Bromodichloromethane	7.818	83	941641	225.507	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	1210280	229.034	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	1891138	405.943	ug/L	99
42) Toluene	8.720	91	2825723	202.899	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	1118452	234.902	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	696429	207.668	ug/L	99
46) Tetrachloroethene	9.275	164	559824	210.474	ug/L	99
48) 2-Hexanone	9.433	43	1411573	399.073	ug/L	98
49) Dibromochloromethane	9.519	129	738930	231.854	ug/L	99
50) 1,2-Dibromoethane	9.610	107	737107	211.237	ug/L	100
51) Chlorobenzene	10.079	112	1874639	204.317	ug/L	99
52) Ethylbenzene	10.195	91	3119418	202.624	ug/L	99
53) m,p-Xylene	10.299	106	1236921	209.818	ug/L	98
54) o-Xylene	10.640	106	1208710	208.544	ug/L	94
55) Styrene	10.653	104	2065625	210.349	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	1017367	205.846	ug/L	99
59) Bromoform	10.799	173	538879	236.501	ug/L	99
60) Isopropylbenzene	10.963	105	2956321	196.422	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	791923	193.783	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	2474456	201.034	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	2468255	201.671	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1415788	206.251	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	1424468	202.797	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	1387968	199.415	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	224449	222.581	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	888110	209.278	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	837382	210.735	ug/L	99
71) Naphthalene	13.774	128	2899100	204.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	817782	208.469	ug/L	99

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

