

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029403.D
 Acq On : 13 Jun 2022 10:40
 Operator : JC/MD
 Sample : VSTD01067
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010667

Quant Time: Jun 13 12:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	423072	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	384974	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	190374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34151	9.245	ug/L	0.00
7) Chloroethane-d5	1.666	69	23792	10.167	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	60817	8.660	ug/L	0.00
21) 2-Butanone-d5	4.465	46	49671	19.155	ug/L	0.00
24) Chloroform-d	5.062	84	63558	9.145	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	41277	9.169	ug/L	0.00
32) Benzene-d6	5.976	84	122827	9.065	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	35894	8.912	ug/L	0.00
41) Toluene-d8	8.653	98	116297	9.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	16392	8.817	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	37085	20.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	51738	10.370	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	39863	9.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43590	9.461	ug/L	99
3) Chloromethane	1.288	50	41006	10.982	ug/L	97
5) Vinyl chloride	1.374	62	39992	10.678	ug/L	100
6) Bromomethane	1.611	94	19415	11.920	ug/L	99
8) Chloroethane	1.691	64	23793	11.617	ug/L	95
9) Trichlorofluoromethane	1.886	101	56939	10.798	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	33894	10.254	ug/L	98
12) 1,1-Dichloroethene	2.319	96	30368	9.977	ug/L	88
13) Acetone	2.392	43	39322	18.344	ug/L	97
14) Carbon disulfide	2.514	76	81073	9.099	ug/L	99
15) Methyl Acetate	2.709	43	34601	9.940	ug/L #	89
16) Methylene chloride	2.788	84	33528	10.035	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	32274	10.006	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	109587	10.842	ug/L	96
19) 1,1-Dichloroethane	3.611	63	57534	9.969	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	36530	10.258	ug/L	91
22) 2-Butanone	4.568	43	53436	18.780	ug/L	96
23) Bromochloromethane	4.903	128	18114	10.000	ug/L	95
25) Chloroform	5.092	83	63552	10.242	ug/L	100
27) 1,2-Dichloroethane	6.092	62	49076	10.208	ug/L #	94
29) Cyclohexane	5.470	56	56177	10.385	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	56000	10.666	ug/L	99
31) Carbon tetrachloride	5.678	117	44781	9.784	ug/L	97
33) Benzene	6.037	78	134603	10.438	ug/L	100
34) Trichloroethene	7.129	95	47776	12.790	ug/L	98
35) Methylcyclohexane	7.379	83	60286	10.809	ug/L	98
37) 1,2-Dichloropropane	7.434	63	32264	9.933	ug/L	99
38) Bromodichloromethane	7.824	83	46276	10.564	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	49699	10.161	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	97867	21.196	ug/L	95
42) Toluene	8.720	91	145676	10.469	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	44665	9.713	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	33872	10.593	ug/L	97
46) Tetrachloroethene	9.275	164	27199	10.073	ug/L	94
48) 2-Hexanone	9.433	43	77528	20.919	ug/L	95
49) Dibromochloromethane	9.525	129	33632	9.672	ug/L	98
50) 1,2-Dibromoethane	9.610	107	35672	10.566	ug/L	98
51) Chlorobenzene	10.079	112	92487	10.435	ug/L	98
52) Ethylbenzene	10.195	91	160707	10.682	ug/L	96
53) m,p-Xylene	10.305	106	61295	10.356	ug/L	95
54) o-Xylene	10.640	106	60653	10.639	ug/L	94
55) Styrene	10.659	104	101619	10.522	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	53455	12.074	ug/L	98
59) Bromoform	10.799	173	21796	9.659	ug/L	98
60) Isopropylbenzene	10.963	105	162835	11.233	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	43865	11.460	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	137966	13.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	136249	11.220	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	65095	10.265	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	66869	10.481	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	68342	11.045	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	11487	11.964	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	44754	10.238	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	39227	10.173	ug/L	97
71) Naphthalene	13.780	128	147235	11.174	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	39946	10.320	ug/L	99

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

