

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029404.D
 Acq On : 13 Jun 2022 11:03
 Operator : JC/MD
 Sample : VSTD05068
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050668

Quant Time: Jun 13 12:10:01 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	376014	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	348493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	182149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	153026	46.609	ug/L	0.00
7) Chloroethane-d5	1.666	69	100474	48.309	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	275215	44.092	ug/L	0.00
21) 2-Butanone-d5	4.465	46	237285	102.960	ug/L	0.00
24) Chloroform-d	5.062	84	293945	47.585	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	187755	46.927	ug/L	0.00
32) Benzene-d6	5.977	84	568119	46.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	167975	46.072	ug/L	0.00
41) Toluene-d8	8.653	98	526140	46.848	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	82898	49.256	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	189678	115.643	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	254202	56.283	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	202575	49.247	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	189099	46.177	ug/L	99
3) Chloromethane	1.288	50	174220	52.497	ug/L	99
5) Vinyl chloride	1.374	62	171800	51.614	ug/L	99
6) Bromomethane	1.612	94	80671	55.728	ug/L	99
8) Chloroethane	1.685	64	98321	54.014	ug/L	94
9) Trichlorofluoromethane	1.886	101	251208	53.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	142675	48.563	ug/L	98
12) 1,1-Dichloroethene	2.319	96	133185	49.233	ug/L	86
13) Acetone	2.386	43	144884	76.050	ug/L	97
14) Carbon disulfide	2.514	76	368799	46.569	ug/L	99
15) Methyl Acetate	2.709	43	154375	49.900	ug/L	93
16) Methylene chloride	2.788	84	147626	49.713	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	142325	49.650	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	485135	54.002	ug/L	97
19) 1,1-Dichloroethane	3.611	63	256864	50.078	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	161510	51.030	ug/L	100
22) 2-Butanone	4.562	43	235123	92.976	ug/L	95
23) Bromochloromethane	4.904	128	80868	50.230	ug/L	94
25) Chloroform	5.099	83	283222	51.357	ug/L	98
27) 1,2-Dichloroethane	6.092	62	218511	51.138	ug/L	99
29) Cyclohexane	5.471	56	241246	49.266	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	253747	53.388	ug/L	98
31) Carbon tetrachloride	5.678	117	205223	49.533	ug/L	98
33) Benzene	6.038	78	601037	51.487	ug/L	100
34) Trichloroethene	7.123	95	181879	53.787	ug/L	95
35) Methylcyclohexane	7.385	83	263184	52.128	ug/L	98
37) 1,2-Dichloropropane	7.434	63	149343	50.791	ug/L	100
38) Bromodichloromethane	7.824	83	208683	52.625	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	235744	53.243	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	446543	106.836	ug/L	94
42) Toluene	8.720	91	660100	52.404	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	223357	53.658	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	153487	53.028	ug/L	99
46) Tetrachloroethene	9.275	164	119192	48.761	ug/L	96
48) 2-Hexanone	9.433	43	348985	104.020	ug/L	93
49) Dibromochloromethane	9.525	129	162418	51.601	ug/L	100
50) 1,2-Dibromoethane	9.610	107	165709	54.221	ug/L	98
51) Chlorobenzene	10.079	112	414165	51.622	ug/L	97
52) Ethylbenzene	10.195	91	729710	53.582	ug/L	100
53) m,p-Xylene	10.305	106	284643	53.125	ug/L	99
54) o-Xylene	10.646	106	283998	55.029	ug/L	99
55) Styrene	10.659	104	487098	55.718	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	247837	61.841	ug/L	97
59) Bromoform	10.799	173	107909	49.980	ug/L	99
60) Isopropylbenzene	10.964	105	756397	54.535	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	201922	55.133	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	648359	64.552	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	645225	55.531	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	310212	51.129	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	310365	50.842	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	312384	52.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	56245	61.225	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	216712	51.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	188795	51.173	ug/L	98
71) Naphthalene	13.774	128	728619	57.796	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	190927	51.554	ug/L	99

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

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