

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025911.D
 Acq On : 20 Dec 2021 12:58
 Operator : JC/MD
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010644

Quant Time: Dec 20 14:12:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 14:11:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	167020	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	159945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14638	11.039	ug/L	0.00
7) Chloroethane-d5	1.666	69	11706	10.478	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	24622	10.817	ug/L	0.00
21) 2-Butanone-d5	4.459	46	19230	19.685	ug/L	0.00
24) Chloroform-d	5.062	84	25761	9.959	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	17286	9.966	ug/L	0.00
32) Benzene-d6	5.977	84	50704	10.508	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	15669	10.601	ug/L	0.00
41) Toluene-d8	8.653	98	46916	10.339	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5597	9.296	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	12394	19.848	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21140	10.275	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	16581	10.236	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16622	12.331	ug/L	98
3) Chloromethane	1.295	50	15678	10.556	ug/L	100
5) Vinyl chloride	1.374	62	16160	11.076	ug/L	92
6) Bromomethane	1.612	94	11125	9.966	ug/L	96
8) Chloroethane	1.691	64	10477	10.541	ug/L	99
9) Trichlorofluoromethane	1.892	101	24134	11.363	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	12113	11.821	ug/L	89
12) 1,1-Dichloroethene	2.325	96	11257	11.236	ug/L	96
13) Acetone	2.380	43	16023	19.988	ug/L	95
14) Carbon disulfide	2.514	76	30667	10.673	ug/L	99
15) Methyl Acetate	2.703	43	13949	9.776	ug/L	# 90
16) Methylene chloride	2.788	84	13481	9.871	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	12249	10.091	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	39182	9.915	ug/L	98
19) 1,1-Dichloroethane	3.617	63	22566	10.282	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	13785	9.988	ug/L	98
22) 2-Butanone	4.556	43	22459	20.163	ug/L	96
23) Bromochloromethane	4.904	128	7107	11.383	ug/L	96
25) Chloroform	5.099	83	25221	10.352	ug/L	97
27) 1,2-Dichloroethane	6.092	62	19840	10.064	ug/L	96
29) Cyclohexane	5.471	56	21168	12.221	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	20845	11.049	ug/L	98
31) Carbon tetrachloride	5.684	117	17498	12.700	ug/L	99
33) Benzene	6.038	78	52977	10.673	ug/L	100
34) Trichloroethene	7.129	95	14027	10.960	ug/L	91
35) Methylcyclohexane	7.379	83	21381	12.586	ug/L	96
37) 1,2-Dichloropropane	7.434	63	12598	10.238	ug/L	99
38) Bromodichloromethane	7.824	83	16906	10.338	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	16508	9.693	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	37422	20.108	ug/L	96
42) Toluene	8.720	91	55869	10.558	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	15223	9.753	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	13174	10.230	ug/L	96
46) Tetrachloroethene	9.275	164	10482	11.060	ug/L	98
48) 2-Hexanone	9.433	43	30342	20.025	ug/L	97
49) Dibromochloromethane	9.525	129	12664	9.923	ug/L	97
50) 1,2-Dibromoethane	9.610	107	13769	10.288	ug/L	100
51) Chlorobenzene	10.079	112	35771	10.306	ug/L	96
52) Ethylbenzene	10.195	91	59167	10.594	ug/L	98
53) m,p-Xylene	10.305	106	23228	10.532	ug/L	97
54) o-Xylene	10.646	106	22138	10.308	ug/L	91
55) Styrene	10.659	104	36126	10.181	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	20312	10.139	ug/L	97
59) Bromoform	10.805	173	7793	9.855	ug/L	96
60) Isopropylbenzene	10.963	105	57620	10.954	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	16792	10.508	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	46909	10.634	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	45928	10.347	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	25590	10.468	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	25667	10.375	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	25440	10.263	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	3589	10.433	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.116	180	15900	10.457	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	12143	10.291	ug/L	98
71) Naphthalene	13.780	128	37693	9.613	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11894	10.116	ug/L	98

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

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