

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025912.D
 Acq On : 20 Dec 2021 13:22
 Operator : JC/MD
 Sample : VSTD05045
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050645

Quant Time: Dec 20 14:13:22 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	164564	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170161	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56600	43.322	ug/L	0.00
7) Chloroethane-d5	1.660	69	52333	47.541	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	100468	44.796	ug/L	0.00
21) 2-Butanone-d5	4.459	46	101757	105.718	ug/L	0.00
24) Chloroform-d	5.062	84	126626	49.684	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	84632	49.521	ug/L	0.00
32) Benzene-d6	5.977	84	243471	47.430	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	75324	47.901	ug/L	0.00
41) Toluene-d8	8.653	98	230803	47.810	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	34256	53.480	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	73116	110.059	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111954	51.146	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	90376	48.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50273	37.852	ug/L	99
3) Chloromethane	1.294	50	68414	46.749	ug/L	96
5) Vinyl chloride	1.374	62	64089	44.583	ug/L	99
6) Bromomethane	1.599	94	52580	47.806	ug/L	99
8) Chloroethane	1.685	64	45206	46.162	ug/L	95
9) Trichlorofluoromethane	1.886	101	86912	41.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	38679	38.310	ug/L	89
12) 1,1-Dichloroethene	2.319	96	44484	45.062	ug/L	76
13) Acetone	2.380	43	80211	101.555	ug/L	94
14) Carbon disulfide	2.514	76	130552	46.115	ug/L	99
15) Methyl Acetate	2.703	43	71751	51.034	ug/L #	90
16) Methylene chloride	2.794	84	64667	48.056	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	56220	47.004	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	198997	51.110	ug/L	98
19) 1,1-Dichloroethane	3.617	63	108567	50.203	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	66644	49.010	ug/L	94
22) 2-Butanone	4.562	43	114134	103.997	ug/L	97
23) Bromochloromethane	4.904	128	36516	59.361	ug/L	91
25) Chloroform	5.099	83	118558	49.388	ug/L	96
27) 1,2-Dichloroethane	6.086	62	97823	50.362	ug/L	97
29) Cyclohexane	5.471	56	72274	39.222	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	91813	45.742	ug/L	97
31) Carbon tetrachloride	5.678	117	74291	50.685	ug/L	99
33) Benzene	6.044	78	251591	47.642	ug/L	100
34) Trichloroethene	7.129	95	63061	46.314	ug/L	93
35) Methylcyclohexane	7.385	83	69128	38.249	ug/L	97
37) 1,2-Dichloropropane	7.434	63	64832	49.525	ug/L	99
38) Bromodichloromethane	7.824	83	88641	50.949	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	97511	53.819	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	209177	105.651	ug/L	97
42) Toluene	8.720	91	275112	48.870	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	93642	56.391	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	68899	50.291	ug/L	97
46) Tetrachloroethene	9.275	164	46237	45.858	ug/L	96
48) 2-Hexanone	9.433	43	169255	104.998	ug/L	98
49) Dibromochloromethane	9.525	129	72558	53.440	ug/L	97
50) 1,2-Dibromoethane	9.610	107	72855	51.170	ug/L	97
51) Chlorobenzene	10.079	112	182883	49.526	ug/L	99
52) Ethylbenzene	10.195	91	293742	49.439	ug/L	97
53) m,p-Xylene	10.305	106	117382	50.026	ug/L	97
54) o-Xylene	10.640	106	116963	51.191	ug/L	92
55) Styrene	10.659	104	201709	53.431	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	108593	50.950	ug/L	97
59) Bromoform	10.799	173	49863	54.895	ug/L	99
60) Isopropylbenzene	10.963	105	281060	46.517	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	86977	47.385	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	247054	48.756	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	251716	49.370	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	135339	48.199	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	135903	47.824	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	137707	48.363	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	21045	53.260	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	84824	48.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	72299	53.342	ug/L	96
71) Naphthalene	13.780	128	274880	61.033	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	74732	55.334	ug/L	97

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

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