

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112221\
 Data File : VX025253.D
 Acq On : 22 Nov 2021 14:00
 Operator : JC/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200641

Quant Time: Nov 23 00:59:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 00:57:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	176778	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	164944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	235720	155.367	ug/L	0.00
7) Chloroethane-d5	1.648	69	193579	197.251	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.300	63	382614	133.372	ug/L	0.00
21) 2-Butanone-d5	4.458	46	361078	339.565	ug/L	0.00
24) Chloroform-d	5.062	84	427293	145.405	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	256723	134.792	ug/L	0.00
32) Benzene-d6	5.977	84	863241	157.952	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	265770	158.178	ug/L	0.00
41) Toluene-d8	8.653	98	812337	167.907	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	141277	163.532	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	290927	402.197	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	390427	164.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	333161	194.998	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	202081	119.140	ug/L	100
3) Chloromethane	1.288	50	206478	164.410	ug/L	98
5) Vinyl chloride	1.374	62	246300	166.600	ug/L	98
6) Bromomethane	1.593	94	91750	99.222	ug/L	99
8) Chloroethane	1.672	64	157194	181.423	ug/L	98
9) Trichlorofluoromethane	1.880	101	383760	144.872	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	203406	148.189	ug/L	99
12) 1,1-Dichloroethene	2.313	96	190480	157.059	ug/L	91
13) Acetone	2.386	43	274260	269.722	ug/L	99
14) Carbon disulfide	2.508	76	468103	149.761	ug/L	100
15) Methyl Acetate	2.709	43	234443	161.009	ug/L	# 89
16) Methylene chloride	2.788	84	215527	157.247	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	201578	161.895	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	692695	146.684	ug/L	100
19) 1,1-Dichloroethane	3.611	63	369833	145.810	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	241316	166.705	ug/L	99
22) 2-Butanone	4.562	43	383577	311.409	ug/L	99
23) Bromochloromethane	4.904	128	125826	180.826	ug/L	98
25) Chloroform	5.099	83	393581	141.397	ug/L	98
27) 1,2-Dichloroethane	6.092	62	290246	136.926	ug/L	97
29) Cyclohexane	5.477	56	331764	142.547	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	357835	130.981	ug/L	100
31) Carbon tetrachloride	5.678	117	321373	145.763	ug/L	100
33) Benzene	6.044	78	873319	150.533	ug/L	100
34) Trichloroethene	7.129	95	229144	151.003	ug/L	99
35) Methylcyclohexane	7.385	83	364033	158.470	ug/L	99
37) 1,2-Dichloropropane	7.434	63	225324	163.172	ug/L	99
38) Bromodichloromethane	7.824	83	310311	154.912	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	370565	163.736	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	715063	329.126	ug/L	99
42) Toluene	8.720	91	966869	166.669	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	363306	166.221	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	236572	185.966	ug/L	97
46) Tetrachloroethene	9.275	164	193758	219.420	ug/L	98
48) 2-Hexanone	9.433	43	568507	324.536	ug/L	99
49) Dibromochloromethane	9.525	129	278282	201.984	ug/L	97
50) 1,2-Dibromoethane	9.610	107	251185	183.824	ug/L	99
51) Chlorobenzene	10.079	112	642075	187.970	ug/L	99
52) Ethylbenzene	10.195	91	1061379	171.112	ug/L	99
53) m,p-Xylene	10.305	106	434713	189.002	ug/L	98
54) o-Xylene	10.646	106	426403	192.755	ug/L	97
55) Styrene	10.659	104	746497	195.777	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	369128	157.592	ug/L	97
59) Bromoform	10.805	173	215155	209.284	ug/L	100
60) Isopropylbenzene	10.963	105	1090796	158.767	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	289216	143.201	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	934067	159.870	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	937257	164.430	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	515506	194.209	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	519990	192.416	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	511415	188.183	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	86015	143.555	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	384039	207.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	345295	225.412	ug/L	98
71) Naphthalene	13.780	128	1180677	219.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	342717	228.547	ug/L	99

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

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