

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019204.D
 Acq On : 02 Nov 2020 10:41
 Operator : JC/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005402

Quant Time: Nov 02 12:56:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 12:49:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	425907	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	402181	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	186437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	22645	7.64	ug/L	0.00
7) Chloroethane-d5	1.70	69	17231	7.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	34890	6.05	ug/L	0.00
21) 2-Butanone-d5	4.54	46	21965	11.79	ug/L	0.00
24) Chloroform-d	5.13	84	35471	6.51	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.03	65	29762	7.40	ug/L	0.00
32) Benzene-d6	6.04	84	73001	6.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	21189	6.45	ug/L	0.00
41) Toluene-d8	8.70	98	84965	8.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	11040	5.95	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	16983	12.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	24709	5.71	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	22794	6.35	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	13099	3.753 ug/L	98
3) Chloromethane	1.31	50	13420	4.765 ug/L	98
5) Vinyl chloride	1.39	62	15195	4.863 ug/L	98
6) Bromomethane	1.64	94	9828	5.597 ug/L	92
8) Chloroethane	1.72	64	9574	5.125 ug/L	97
9) Trichlorofluoromethane	1.92	101	21809	4.231 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12573	4.447 ug/L	98
12) 1,1-Dichloroethene	2.36	96	12159	4.564 ug/L #	64
13) Acetone	2.43	43	12103	8.943 ug/L	97
14) Carbon disulfide	2.55	76	37300	4.621 ug/L	99
15) Methyl Acetate	2.75	43	11934	4.177 ug/L	99
16) Methylene chloride	2.83	84	14365	4.889 ug/L	97
17) trans-1,2-Dichloroethene	3.14	96	13340	4.718 ug/L	96
18) Methyl tert-butyl Ether	3.16	73	39988	4.430 ug/L	99
19) 1,1-Dichloroethane	3.67	63	23410	4.503 ug/L	98
20) cis-1,2-Dichloroethene	4.56	96	14161	4.569 ug/L	92
22) 2-Butanone	4.64	43	18315	8.931 ug/L	98
23) Bromochloromethane	4.98	128	7161	4.304 ug/L	92
25) Chloroform	5.17	83	24050	4.190 ug/L	93
27) 1,2-Dichloroethane	6.15	62	18868	4.115 ug/L	99
29) Cyclohexane	5.54	56	20088	4.500 ug/L #	92
30) 1,1,1-Trichloroethane	5.46	97	21772	4.102 ug/L	99
31) Carbon tetrachloride	5.74	117	18419	3.889 ug/L	99
33) Benzene	6.10	78	51341	4.528 ug/L	100
34) Trichloroethene	7.18	95	14574	4.616 ug/L	99
35) Methylcyclohexane	7.44	83	21700	4.670 ug/L	99
37) 1,2-Dichloropropane	7.48	63	12696	4.278 ug/L	99
38) Bromodichloromethane	7.87	83	17566	4.163 ug/L	95
39) cis-1,3-Dichloropropene	8.41	75	20474	4.269 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	31283	8.103 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	56429	4.624	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	19894	4.095	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	13021	4.537	ug/L	98
46) Tetrachloroethene	9.32	164	10980	4.312	ug/L	98
48) 2-Hexanone	9.47	43	25591	8.390	ug/L	97
49) Dibromochloromethane	9.56	129	13181	3.722	ug/L	95
50) 1,2-Dibromoethane	9.65	107	13178	4.196	ug/L	98
51) Chlorobenzene	10.12	112	36112	4.455	ug/L	98
52) Ethylbenzene	10.23	91	60312	4.445	ug/L	98
53) m,p-Xylene	10.34	106	21990	4.272	ug/L	99
54) o-Xylene	10.68	106	21579	4.355	ug/L	97
55) Styrene	10.70	104	35413	4.148	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	16728	3.857	ug/L	99
59) Bromoform	10.84	173	8661	3.627	ug/L	98
60) Isopropylbenzene	11.00	105	57044	4.686	ug/L	100
61) 1,2,3-Trichloropropane	11.27	75	15204	4.494	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	45686	4.547	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	42978	4.270	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	24452	4.173	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	26069	4.408	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	24276	4.302	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	3563	3.674	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	16539	4.201	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	14845	4.084	ug/L	99
71) Naphthalene	13.82	128	43736	3.859	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	14139	3.944	ug/L	97

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

