

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019205.D
 Acq On : 02 Nov 2020 11:16
 Operator : JC/MD
 Sample : VSTD01033
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010403

Quant Time: Nov 02 12:57:15 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	488226	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	438786	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	197441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	35348	10.40	ug/L	0.00
7) Chloroethane-d5	1.70	69	26463	10.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.35	63	57501	8.70	ug/L	0.00
21) 2-Butanone-d5	4.53	46	34267	16.05	ug/L	0.00
24) Chloroform-d	5.13	84	56640	9.06	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.03	65	43174	9.37	ug/L	0.00
32) Benzene-d6	6.04	84	114496	9.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	34071	9.50	ug/L	0.00
41) Toluene-d8	8.70	98	123168	10.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	17147	8.47	ug/L	0.00
47) 2-Hexanone-d5	9.42	63	25677	17.23	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	36651	7.76	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	33020	8.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	26186	6.544 ug/L	99
3) Chloromethane	1.31	50	27284	8.451 ug/L	98
5) Vinyl chloride	1.39	62	30095	8.402 ug/L	99
6) Bromomethane	1.64	94	19792	9.833 ug/L	99
8) Chloroethane	1.72	64	19153	8.944 ug/L	98
9) Trichlorofluoromethane	1.92	101	44281	7.494 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	25247	7.791 ug/L	98
12) 1,1-Dichloroethene	2.36	96	24731	8.098 ug/L	# 73
13) Acetone	2.42	43	22580	14.554 ug/L	99
14) Carbon disulfide	2.55	76	74061	8.003 ug/L	99
15) Methyl Acetate	2.75	43	24046	7.342 ug/L	98
16) Methylene chloride	2.83	84	27085	8.041 ug/L	94
17) trans-1,2-Dichloroethene	3.14	96	25854	7.977 ug/L	97
18) Methyl tert-butyl Ether	3.16	73	82310	7.955 ug/L	100
19) 1,1-Dichloroethane	3.67	63	47210	7.922 ug/L	98
20) cis-1,2-Dichloroethene	4.56	96	28530	8.031 ug/L	99
22) 2-Butanone	4.63	43	34743	14.779 ug/L	99
23) Bromochloromethane	4.98	128	14589	7.648 ug/L	92
25) Chloroform	5.17	83	49027	7.451 ug/L	91
27) 1,2-Dichloroethane	6.16	62	38720	7.367 ug/L	99
29) Cyclohexane	5.54	56	42746	8.778 ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	44312	7.651 ug/L	99
31) Carbon tetrachloride	5.75	117	37753	7.305 ug/L	99
33) Benzene	6.11	78	108621	8.781 ug/L	100
34) Trichloroethene	7.18	95	28647	8.316 ug/L	97
35) Methylcyclohexane	7.43	83	45473	8.969 ug/L	98
37) 1,2-Dichloropropane	7.49	63	26806	8.278 ug/L	100
38) Bromodichloromethane	7.87	83	35699	7.754 ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	42235	8.072 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	61857	14.685 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	115980	8.710	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	40898	7.716	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	25892	8.269	ug/L	99
46) Tetrachloroethene	9.32	164	22024	7.927	ug/L	97
48) 2-Hexanone	9.47	43	47592	14.301	ug/L	97
49) Dibromochloromethane	9.56	129	26478	6.854	ug/L	99
50) 1,2-Dibromoethane	9.65	107	26240	7.658	ug/L	99
51) Chlorobenzene	10.12	112	71529	8.088	ug/L	98
52) Ethylbenzene	10.23	91	122909	8.302	ug/L	99
53) m,p-Xylene	10.34	106	44862	7.988	ug/L	97
54) o-Xylene	10.68	106	42889	7.934	ug/L	92
55) Styrene	10.70	104	69711	7.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	32466	6.861	ug/L	98
59) Bromoform	10.84	173	16312	6.450	ug/L	97
60) Isopropylbenzene	11.00	105	116104	9.006	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	27897	7.787	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	91285	8.579	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	84574	7.935	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	48863	7.875	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	49924	7.971	ug/L	97
67) 1,2-Dichlorobenzene	12.37	146	47914	8.018	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	7293	7.101	ug/L	90
69) 1,3,5-Trichlorobenzene	13.15	180	34263	8.219	ug/L	94
70) 1,2,4-trichlorobenzene	13.63	180	30741	7.986	ug/L	99
71) Naphthalene	13.82	128	91771	7.646	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	29581	7.791	ug/L	98

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

