

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019220.D
 Acq On : 03 Nov 2020 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050411

Quant Time: Nov 04 01:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	482429	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	469827	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	216605	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198214	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.70	69	155231	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.68%
11) 1,1-Dichloroethene-d2	2.34	63	340173	49.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.28%
21) 2-Butanone-d5	4.53	46	223053	105.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.27%
24) Chloroform-d	5.14	84	332380	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	6.03	65	226387	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	6.04	84	687132	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	7.36	67	205160	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	8.70	98	662443	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%
43) trans-1,3-Dichloropropene-	8.99	79	111143	48.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.32%
47) 2-Hexanone-d5	9.42	63	180262	101.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.34%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	249189	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
66) 1,2-Dichlorobenzene-d4	12.36	152	215877	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	159000	51.999	ug/L 99
3) Chloromethane	1.31	50	160615	51.707	ug/L 100
5) Vinyl chloride	1.39	62	183940	52.534	ug/L 99
6) Bromomethane	1.64	94	120308	51.996	ug/L 98
8) Chloroethane	1.72	64	116946	53.593	ug/L 100
9) Trichlorofluoromethane	1.92	101	275353	53.007	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	161069	53.760	ug/L 99
12) 1,1-Dichloroethene	2.36	96	149572	51.446	ug/L # 78
13) Acetone	2.43	43	134550	102.754	ug/L 98
14) Carbon disulfide	2.55	76	453427	51.678	ug/L 99
15) Methyl Acetate	2.75	43	154494	54.064	ug/L 98
16) Methylene chloride	2.84	84	168471	51.964	ug/L 97
17) trans-1,2-Dichloroethene	3.14	96	162976	52.144	ug/L 99
18) Methyl tert-butyl Ether	3.16	73	522111	52.844	ug/L 100
19) 1,1-Dichloroethane	3.67	63	289339	52.099	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	179743	52.359	ug/L 97
22) 2-Butanone	4.64	43	223873	108.257	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019220.D
 Acq On : 03 Nov 2020 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050411

Quant Time: Nov 04 01:16:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	89936	52.018	ug/L	89
25) Chloroform	5.17	83	318099	54.567	ug/L	99
27) 1,2-Dichloroethane	6.15	62	243036	52.951	ug/L	100
29) Cyclohexane	5.54	56	267677	49.495	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	280428	49.513	ug/L	100
31) Carbon tetrachloride	5.74	117	239932	49.308	ug/L	99
33) Benzene	6.10	78	671582	49.786	ug/L	100
34) Trichloroethene	7.18	95	183101	49.736	ug/L	99
35) Methylcyclohexane	7.43	83	295346	50.684	ug/L	100
37) 1,2-Dichloropropane	7.48	63	164720	49.164	ug/L	100
38) Bromodichloromethane	7.87	83	233046	50.016	ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	280227	50.342	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	432703	105.600	ug/L	100
42) Toluene	8.76	91	746167	50.853	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	278467	51.348	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	169567	51.518	ug/L	98
46) Tetrachloroethene	9.32	164	137226	49.405	ug/L	95
48) 2-Hexanone	9.47	43	350382	108.517	ug/L	99
49) Dibromochloromethane	9.56	129	189164	52.542	ug/L	97
50) 1,2-Dibromoethane	9.65	107	179774	52.224	ug/L	97
51) Chlorobenzene	10.12	112	469452	51.451	ug/L	99
52) Ethylbenzene	10.23	91	827857	52.190	ug/L	100
53) m,p-Xylene	10.34	106	313180	52.556	ug/L	99
54) o-Xylene	10.68	106	299396	51.892	ug/L	96
55) Styrene	10.70	104	514348	52.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	229135	50.789	ug/L	99
59) Bromoform	10.84	173	123727	52.732	ug/L	99
60) Isopropylbenzene	11.00	105	822006	55.917	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	193841	52.538	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	664293	54.929	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	626804	54.796	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	339299	53.460	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	340189	52.824	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	319859	52.049	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	53514	53.258	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	239755	53.939	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	224444	54.786	ug/L	99
71) Naphthalene	13.82	128	714638	53.949	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	218001	54.381	ug/L	99

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

