

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019209.D
 Acq On : 02 Nov 2020 14:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV401

Quant Time: Nov 03 07:24:49 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	452812	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	428101	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	194954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	190640	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.80%
7) Chloroethane-d5	1.70	69	144410	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.34	63	327516	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.84%
21) 2-Butanone-d5	4.53	46	203377	102.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	5.14	84	314746	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	6.03	65	207834	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
32) Benzene-d6	6.04	84	643027	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
36) 1,2-Dichloropropane-d6	7.37	67	192150	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	8.70	98	622924	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	8.99	79	105646	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	9.42	63	167200	103.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.16%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	228182	49.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.58%
66) 1,2-Dichlorobenzene-d4	12.36	152	199213	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	162417	56.591	ug/L 99
3) Chloromethane	1.31	50	163375	56.035	ug/L 100
5) Vinyl chloride	1.39	62	182540	55.544	ug/L 99
6) Bromomethane	1.64	94	123473	56.854	ug/L 98
8) Chloroethane	1.71	64	116989	57.119	ug/L 99
9) Trichlorofluoromethane	1.92	101	277476	56.910	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	161928	57.582	ug/L 100
12) 1,1-Dichloroethene	2.36	96	152260	55.796	ug/L 87
13) Acetone	2.42	43	140008	113.916	ug/L 100
14) Carbon disulfide	2.55	76	464893	56.451	ug/L 99
15) Methyl Acetate	2.75	43	151266	56.397	ug/L 99
16) Methylene chloride	2.83	84	169948	55.848	ug/L 98
17) trans-1,2-Dichloroethene	3.14	96	165938	56.565	ug/L 97
18) Methyl tert-butyl Ether	3.16	73	528065	56.942	ug/L 100
19) 1,1-Dichloroethane	3.67	63	290785	55.784	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	182590	56.667	ug/L 98
22) 2-Butanone	4.63	43	222272	114.513	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	90979	56.063	ug/L	96
25) Chloroform	5.17	83	314828	57.538	ug/L	97
27) 1,2-Dichloroethane	6.15	62	244864	56.839	ug/L	100
29) Cyclohexane	5.54	56	272902	55.380	ug/L	98
30) 1,1,1-Trichloroethane	5.46	97	281834	54.611	ug/L	100
31) Carbon tetrachloride	5.75	117	240646	54.275	ug/L	99
33) Benzene	6.11	78	674235	54.854	ug/L	100
34) Trichloroethene	7.18	95	183575	54.725	ug/L	99
35) Methylcyclohexane	7.44	83	300332	56.563	ug/L	100
37) 1,2-Dichloropropane	7.48	63	167451	54.851	ug/L	100
38) Bromodichloromethane	7.87	83	236515	55.708	ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	286191	56.424	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	430950	115.424	ug/L	99
42) Toluene	8.76	91	753386	56.349	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	279763	56.615	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	167945	55.999	ug/L	98
46) Tetrachloroethene	9.32	164	144136	56.951	ug/L	98
48) 2-Hexanone	9.47	43	349622	118.835	ug/L	100
49) Dibromochloromethane	9.56	129	188335	57.410	ug/L	99
50) 1,2-Dibromoethane	9.65	107	179985	57.381	ug/L	96
51) Chlorobenzene	10.12	112	476135	57.269	ug/L	99
52) Ethylbenzene	10.23	91	831572	57.534	ug/L	99
53) m,p-Xylene	10.34	106	312368	57.529	ug/L	99
54) o-Xylene	10.68	106	298306	56.742	ug/L	97
55) Styrene	10.70	104	507180	57.186	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	225090	54.755	ug/L	99
59) Bromoform	10.84	173	120913	57.256	ug/L	99
60) Isopropylbenzene	11.00	105	816864	61.738	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	190734	57.437	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	652770	59.970	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	621770	60.393	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	337256	59.039	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	336311	58.022	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	318947	57.664	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	53086	58.699	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	240486	60.112	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	223286	60.556	ug/L	97
71) Naphthalene	13.82	128	726591	60.943	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	218858	60.658	ug/L	99

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

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