

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018211.D
 Acq On : 02 Sep 2020 12:42
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV36

Quant Time: Sep 03 04:56:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:54:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	682150	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	665503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	340881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	261648	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.69	69	198146	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.72%
11) 1,1-Dichloroethene-d2	2.34	63	528971	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
21) 2-Butanone-d5	4.53	46	367043	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	5.14	84	492757	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
26) 1,2-Dichloroethane-d4	6.03	65	355784	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	6.05	84	968965	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	7.37	67	300889	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	8.70	98	930918	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	8.99	79	173974	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
47) 2-Hexanone-d5	9.43	63	271389	98.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.55%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	413127	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.36	152	376209	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	284044	48.945	ug/L 100
3) Chloromethane	1.31	50	246701	46.410	ug/L 96
5) Vinyl chloride	1.39	62	254299	48.112	ug/L 99
6) Bromomethane	1.63	94	159104	52.630	ug/L 100
8) Chloroethane	1.71	64	145956	46.962	ug/L 97
9) Trichlorofluoromethane	1.92	101	424203	48.352	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	244227	51.202	ug/L 98
12) 1,1-Dichloroethene	2.36	96	225589	50.262	ug/L 89
13) Acetone	2.42	43	201515	92.779	ug/L 100
14) Carbon disulfide	2.55	76	683352	48.077	ug/L 98
15) Methyl Acetate	2.75	43	254201	47.627	ug/L 99
16) Methylene chloride	2.84	84	242362	47.641	ug/L 95
17) trans-1,2-Dichloroethene	3.14	96	232107	48.232	ug/L 98
18) Methyl tert-butyl Ether	3.17	73	741336	49.326	ug/L 99
19) 1,1-Dichloroethane	3.67	63	437205	48.466	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	250849	48.759	ug/L 97
22) 2-Butanone	4.64	43	343553	96.459	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	140382	48.756	ug/L	95
25) Chloroform	5.18	83	486265	47.125	ug/L	100
27) 1,2-Dichloroethane	6.17	62	386731	49.470	ug/L	100
29) Cyclohexane	5.55	56	371906	50.778	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	435235	47.623	ug/L	99
31) Carbon tetrachloride	5.76	117	402586	48.376	ug/L	100
33) Benzene	6.11	78	938165	48.723	ug/L	100
34) Trichloroethene	7.19	95	267152	49.434	ug/L	98
35) Methylcyclohexane	7.44	83	386610	51.454	ug/L	99
37) 1,2-Dichloropropane	7.49	63	249691	48.964	ug/L	99
38) Bromodichloromethane	7.88	83	354652	48.839	ug/L	97
39) cis-1,3-Dichloropropene	8.41	75	405866	51.039	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	687250	99.399	ug/L	100
42) Toluene	8.77	91	1035679	50.115	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	413666	49.456	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	238496	46.593	ug/L	96
46) Tetrachloroethene	9.32	164	222316	51.600	ug/L	92
48) 2-Hexanone	9.47	43	560715	100.323	ug/L	100
49) Dibromochloromethane	9.57	129	305210	48.654	ug/L	100
50) 1,2-Dibromoethane	9.65	107	266053	49.079	ug/L	97
51) Chlorobenzene	10.12	112	690701	49.074	ug/L	97
52) Ethylbenzene	10.24	91	1165306	50.575	ug/L	99
53) m,p-Xylene	10.34	106	447883	50.883	ug/L	100
54) o-xylene	10.68	106	428521	51.006	ug/L	94
55) Styrene	10.70	104	746545	51.443	ug/L	96
56) Isopropylbenzene	11.00	105	1153052	51.311	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	365000	48.558	ug/L	98
59) 1,2,3-Trichloropropane	11.28	75	315686	48.461	ug/L	99
61) Bromoform	10.84	173	229286	47.440	ug/L	98
62) 1,3-Dichlorobenzene	12.01	146	545757	48.746	ug/L	98
63) 1,4-Dichlorobenzene	12.09	146	553473	48.561	ug/L	97
65) 1,2-Dichlorobenzene	12.38	146	522745	48.468	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.98	75	92892	46.050	ug/L	88
67) 1,3,5-Trichlorobenzene	13.15	180	358240	49.037	ug/L	98
68) 1,2,4-trichlorobenzene	13.63	180	337076	50.004	ug/L	96
69) Naphthalene	13.82	128	1091407	51.201	ug/L	100
70) 1,2,3-Trichlorobenzene	14.01	180	348709	51.718	ug/L	98

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

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