

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015020.D
 Acq On : 18 Mar 2020 17:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:34 AM

Quant Time: Mar 19 03:56:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 02:58:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345093	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74769	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.74%
7) Chloroethane-d5	1.58	69	59389	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.12	63	127365	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
21) 2-Butanone-d5	3.93	46	103137	94.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.35%
24) Chloroform-d	4.38	84	190324	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	120362	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.08	84	378099	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
36) 1,2-Dichloropropane-d6	6.10	67	111155	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.14%
41) Toluene-d8	7.34	98	383954	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%
43) trans-1,3-Dichloropropene-	7.64	79	62098	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.36%
47) 2-Hexanone-d5	8.12	63	103665	94.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167018	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	171327	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	140529	47.635	ug/L	99
3) Chloromethane	1.25	50	95822	47.780	ug/L	96
5) Vinyl chloride	1.32	62	91152	46.999	ug/L	99
6) Bromomethane	1.53	94	60605	48.156	ug/L	96
8) Chloroethane	1.60	64	49508	47.375	ug/L	100
9) Trichlorofluoromethane	1.77	101	148254	48.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	72872	49.103	ug/L	98
12) 1,1-Dichloroethene	2.13	96	68640	48.876	ug/L	92
13) Acetone	2.20	43	90239m	99.258	ug/L	
14) Carbon disulfide	2.31	76	237526	47.730	ug/L	99
15) Methyl Acetate	2.46	43	73585	47.311	ug/L	96
16) Methylene chloride	2.53	84	105225	47.283	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	97273	46.146	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	310765	47.889	ug/L	99
19) 1,1-Dichloroethane	3.21	63	169854	46.895	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	113026	47.979	ug/L	96
22) 2-Butanone	4.01	43	116847	94.922	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	59841	46.706	ug/L	96
25) Chloroform	4.40	83	190297	46.978	ug/L	100
27) 1,2-Dichloroethane	5.16	62	141254	46.696	ug/L	98
29) Cyclohexane	4.71	56	150343	48.717	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	175105	47.223	ug/L	99
31) Carbon tetrachloride	4.86	117	156411	46.938	ug/L	97
33) Benzene	5.13	78	405310	48.170	ug/L	100
34) Trichloroethene	5.94	95	106885	46.891	ug/L	97
35) Methylcyclohexane	6.16	83	171462	47.404	ug/L	97
37) 1,2-Dichloropropane	6.20	63	94690	46.536	ug/L	99
38) Bromodichloromethane	6.53	83	140777	47.440	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	163403	47.958	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	262785	93.231	ug/L	99
42) Toluene	7.41	91	456642	48.007	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	151033	48.938	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	106128	47.844	ug/L	97
46) Tetrachloroethene	8.00	164	103001	47.590	ug/L	98
48) 2-Hexanone	8.17	43	207512	98.559	ug/L	99
49) Dibromochloromethane	8.27	129	123926	48.070	ug/L	99
50) 1,2-Dibromoethane	8.37	107	118043	47.681	ug/L	97
51) Chlorobenzene	8.90	112	312807	46.773	ug/L	99
52) Ethylbenzene	9.03	91	519985	48.125	ug/L	98
53) m,p-Xylene	9.16	106	205306	48.535	ug/L	95
54) o-xylene	9.56	106	203591	48.602	ug/L	97
55) Styrene	9.58	104	354842	50.437	ug/L	98
56) Isopropylbenzene	9.95	105	535936	49.122	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	169528	46.987	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	135760	47.471	ug/L	98
61) Bromoform	9.75	173	92727	50.615	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	272772	48.909	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	272521	46.943	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	273840	46.227	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37708	45.548	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	213380	48.356	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	197880	48.695	ug/L	100
69) Naphthalene	13.52	128	261602	49.306	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	199767	50.038	ug/L	98

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

