

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015217.D
 Acq On : 27 Mar 2020 21:13
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Mar 28 01:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 00:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	635447	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	624209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	290092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130244	50.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.02%
7) Chloroethane-d5	1.58	69	139885	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.12	63	315343	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
21) 2-Butanone-d5	3.94	46	337540	110.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.38	84	349832	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.06	65	230698	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.08	84	572337	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
36) 1,2-Dichloropropane-d6	6.09	67	209961	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.34	98	502054	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%
43) trans-1,3-Dichloropropene-	7.64	79	113938	51.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.58%
47) 2-Hexanone-d5	8.11	63	256797	108.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	374264	51.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	250484	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	246723	51.122	ug/L 100
3) Chloromethane	1.25	50	274553	50.002	ug/L 99
5) Vinyl chloride	1.32	62	277701	49.118	ug/L 98
6) Bromomethane	1.53	94	189048	51.791	ug/L 97
8) Chloroethane	1.60	64	189029	51.930	ug/L 98
9) Trichlorofluoromethane	1.77	101	440503	48.631	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	232688	48.703	ug/L 99
12) 1,1-Dichloroethene	2.13	96	231358	48.763	ug/L 97
13) Acetone	2.22	43	184487	103.469	ug/L # 100
14) Carbon disulfide	2.31	76	589706	50.006	ug/L 100
15) Methyl Acetate	2.46	43	212564	49.318	ug/L 97
16) Methylene chloride	2.52	84	223483	48.225	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	204054	49.835	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	704575	50.337	ug/L 99
19) 1,1-Dichloroethane	3.21	63	383689	50.225	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	235384	48.113	ug/L # 98
22) 2-Butanone	4.02	43	295792	102.143	ug/L 86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	114459	49.592	ug/L	96
25) Chloroform	4.41	83	407502	49.970	ug/L	99
27) 1,2-Dichloroethane	5.16	62	320762	50.989	ug/L	100
29) Cyclohexane	4.70	56	334418	48.910	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	371666	49.769	ug/L	99
31) Carbon tetrachloride	4.86	117	309536	49.291	ug/L	99
33) Benzene	5.13	78	870769	49.760	ug/L	100
34) Trichloroethene	5.94	95	230686	49.211	ug/L	94
35) Methylcyclohexane	6.15	83	346860	48.452	ug/L	97
37) 1,2-Dichloropropane	6.20	63	223762	50.987	ug/L	99
38) Bromodichloromethane	6.53	83	315063	48.855	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	373174	50.860	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	642316	99.448	ug/L	99
42) Toluene	7.41	91	972452	50.280	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	362979	51.194	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	220763	49.744	ug/L	97
46) Tetrachloroethene	8.00	164	150956	49.770	ug/L	98
48) 2-Hexanone	8.16	43	494935	100.298	ug/L	98
49) Dibromochloromethane	8.27	129	243589	50.700	ug/L	98
50) 1,2-Dibromoethane	8.38	107	242507	51.167	ug/L	99
51) Chlorobenzene	8.90	112	619896	49.222	ug/L	100
52) Ethylbenzene	9.03	91	1089056	49.750	ug/L	99
53) m,p-Xylene	9.16	106	418040	49.638	ug/L	99
54) o-xylene	9.57	106	415891	49.578	ug/L	95
55) Styrene	9.58	104	715216	50.600	ug/L	99
56) Isopropylbenzene	9.95	105	1074554	49.926	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	362515	49.706	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	292927	49.295	ug/L	100
61) Bromoform	9.75	173	156187	51.076	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	458296	50.753	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	461176	50.817	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	459908	49.680	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	96941	50.236	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	288936	50.404	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	276605	51.882	ug/L	99
69) Naphthalene	13.53	128	1132246	52.682	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	277589	50.775	ug/L	99

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

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