

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017542.D
 Acq On : 20 Jul 2020 13:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Jul 21 01:45:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291124	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86999	53.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.14%
7) Chloroethane-d5	1.58	69	69546	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.06%
11) 1,1-Dichloroethene-d2	2.12	63	200331	50.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.44%
21) 2-Butanone-d5	3.91	46	118575	100.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.50%
24) Chloroform-d	4.38	84	184667	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
26) 1,2-Dichloroethane-d4	5.06	65	127657	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.07	84	316287	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
36) 1,2-Dichloropropane-d6	6.09	67	90312	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.34	98	305068	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%
43) trans-1,3-Dichloropropene-	7.64	79	56929	50.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.88%
47) 2-Hexanone-d5	8.11	63	90823	105.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144831	54.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	138913	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	133139	48.712	ug/L	99
3) Chloromethane	1.25	50	115623	53.294	ug/L	99
5) Vinyl chloride	1.32	62	118789	50.929	ug/L	99
6) Bromomethane	1.53	94	74472	49.282	ug/L	98
8) Chloroethane	1.60	64	66260	49.890	ug/L	97
9) Trichlorofluoromethane	1.77	101	210780	51.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109116	50.279	ug/L	99
12) 1,1-Dichloroethene	2.13	96	98619	50.780	ug/L	99
13) Acetone	2.19	43	151814	105.479	ug/L	98
14) Carbon disulfide	2.31	76	298291	56.585	ug/L	99
15) Methyl Acetate	2.45	43	120863	58.476	ug/L	98
16) Methylene chloride	2.52	84	122954	56.445	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	109435	58.238	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	397525	58.724	ug/L	98
19) 1,1-Dichloroethane	3.21	63	165805	47.236	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	100380	48.689	ug/L	93
22) 2-Butanone	3.99	43	131718	100.281	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54984	47.612	ug/L	92
25) Chloroform	4.40	83	186753	47.455	ug/L	98
27) 1,2-Dichloroethane	5.15	62	164401	48.640	ug/L	99
29) Cyclohexane	4.70	56	132898	49.338	ug/L #	99
30) 1,1,1-Trichloroethane	4.63	97	188401	49.993	ug/L	99
31) Carbon tetrachloride	4.85	117	167940	48.628	ug/L	99
33) Benzene	5.13	78	354106	48.616	ug/L	100
34) Trichloroethene	5.94	95	98410	49.021	ug/L	96
35) Methylcyclohexane	6.16	83	147154	49.696	ug/L	100
37) 1,2-Dichloropropane	6.20	63	89161	48.173	ug/L	99
38) Bromodichloromethane	6.53	83	146683	49.122	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	159586	51.049	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	254755	99.201	ug/L	99
42) Toluene	7.41	91	398466	49.513	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	170945	51.867	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96845	48.064	ug/L	98
46) Tetrachloroethene	8.00	164	87182	49.717	ug/L	98
48) 2-Hexanone	8.16	43	203803	99.405	ug/L	99
49) Dibromochloromethane	8.27	129	125490	49.388	ug/L	99
50) 1,2-Dibromoethane	8.37	107	101113	45.028	ug/L	95
51) Chlorobenzene	8.90	112	269703	47.609	ug/L	99
52) Ethylbenzene	9.03	91	458741	48.351	ug/L	99
53) m,p-Xylene	9.16	106	175906	49.870	ug/L	100
54) o-xylene	9.56	106	175649	50.996	ug/L	99
55) Styrene	9.58	104	303520	51.460	ug/L	96
56) Isopropylbenzene	9.95	105	483639	52.032	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	157484	52.490	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	135421	52.601	ug/L	100
61) Bromoform	9.75	173	97626	49.475	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	238301	49.091	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	241691	47.801	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	239477	47.766	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	49493	53.330	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	202416	52.131	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	183537	52.597	ug/L	99
69) Naphthalene	13.52	128	535490	54.530	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	185595	53.474	ug/L	98

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

