

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016428.D
 Acq On : 02 Jun 2020 15:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 00:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 12:30:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	216316	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146711	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	78053	50.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.08%
7) Chloroethane-d5	1.57	69	68974	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.68%
11) 1,1-Dichloroethene-d2	2.12	63	122641	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
21) 2-Butanone-d5	3.95	46	78279	83.20	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	4.36	84	123247	41.27	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.54%
26) 1,2-Dichloroethane-d4	5.05	65	107062	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.30%
32) Benzene-d6	5.06	84	260522	39.92	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.84%
36) 1,2-Dichloropropane-d6	6.09	67	88644	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.86%
41) Toluene-d8	7.33	98	278965	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.64	79	40488	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
47) 2-Hexanone-d5	8.12	63	76734	114.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175881	67.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.40%#
64) 1,2-Dichlorobenzene-d4	11.65	152	138991	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	96607	57.637	ug/L	99
3) Chloromethane	1.24	50	94572	54.269	ug/L	97
5) Vinyl chloride	1.32	62	87997	52.173	ug/L	98
6) Bromomethane	1.53	94	42809	41.854	ug/L	94
8) Chloroethane	1.59	64	53047	47.416	ug/L	98
9) Trichlorofluoromethane	1.76	101	117436	51.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	74717	53.966	ug/L	97
12) 1,1-Dichloroethene	2.13	96	56200	44.229	ug/L	83
13) Acetone	2.21	43	43047	46.990	ug/L	84
14) Carbon disulfide	2.30	76	134688	36.843	ug/L	99
15) Methyl Acetate	2.45	43	62306	40.720	ug/L	96
16) Methylene chloride	2.52	84	74571	45.707	ug/L	96
17) trans-1,2-Dichloroethene	2.77	96	62759	44.669	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	238369	49.566	ug/L	98
19) 1,1-Dichloroethane	3.20	63	116038	40.431	ug/L	96
22) 2-Butanone	4.03	43	72542	70.367	ug/L	77
23) Bromochloromethane	4.26	128	35717	43.876	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.39	83	148032	49.117	ug/L	99
27) 1,2-Dichloroethane	5.15	62	124882	51.807	ug/L	98
30) 1,1,1-Trichloroethane	4.62	97	131778	44.159	ug/L	98
31) Carbon tetrachloride	4.83	117	110370	43.795	ug/L	98
33) Benzene	5.11	78	275617	40.650	ug/L	100
34) Trichloroethene	5.93	95	74470	42.618	ug/L	95
35) Methylcyclohexane	6.14	83	97146	35.635	ug/L	99
37) 1,2-Dichloropropane	6.19	63	72427	39.617	ug/L #	95
38) Bromodichloromethane	6.53	83	106889	43.614	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	116433	42.202	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	213676	93.071	ug/L	98
42) Toluene	7.40	91	332954	45.778	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	108137	39.111	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	74312	44.141	ug/L	98
46) Tetrachloroethene	7.99	164	63644	47.456	ug/L	94
48) 2-Hexanone	8.17	43	166160	95.375	ug/L	97
49) Dibromochloromethane	8.27	129	68399	38.350	ug/L	100
50) 1,2-Dibromoethane	8.37	107	79559	45.625	ug/L	98
51) Chlorobenzene	8.90	112	231832	48.819	ug/L	97
52) Ethylbenzene	9.03	91	395734	48.088	ug/L	100
53) m,p-Xylene	9.16	106	158959	51.852	ug/L	96
54) o-xylene	9.56	106	177207	59.282	ug/L	98
55) Styrene	9.58	104	325292	63.446	ug/L	99
56) Isopropylbenzene	9.95	105	458932	57.708	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	174454	66.302	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	142218	65.403	ug/L	99
61) Bromoform	9.75	173	45068	32.194	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	221942	48.706	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	228908	49.126	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	224231	48.746	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	30326	42.661	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	144993	46.083	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	135076	47.804	ug/L	99
69) Naphthalene	13.53	128	445012	54.205	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	132182	46.167	ug/L	99

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

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