

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016759.D
 Acq On : 10 Jun 2020 10:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Jun 10 14:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	361617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87255	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.36%
7) Chloroethane-d5	1.56	69	69731	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.06%
11) 1,1-Dichloroethene-d2	2.12	63	173014	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
21) 2-Butanone-d5	3.89	46	195971	99.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	4.37	84	242261	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
26) 1,2-Dichloroethane-d4	5.05	65	167630	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.07	84	442132	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.82%
36) 1,2-Dichloropropane-d6	6.09	67	143125	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.10%
41) Toluene-d8	7.33	98	404360	42.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.54%
43) trans-1,3-Dichloropropene-	7.64	79	75207	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.11	63	146718	103.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	205628	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	187640	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	133028	44.351	ug/L	98
3) Chloromethane	1.25	50	128856	46.976	ug/L	97
5) Vinyl chloride	1.32	62	114244	42.353	ug/L	99
6) Bromomethane	1.51	94	46025	40.968	ug/L	99
8) Chloroethane	1.58	64	64806	48.637	ug/L	96
9) Trichlorofluoromethane	1.76	101	178393	44.194	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86847	43.176	ug/L	99
12) 1,1-Dichloroethene	2.13	96	80505	42.873	ug/L	95
13) Acetone	2.17	43	112409	86.346	ug/L	97
14) Carbon disulfide	2.30	76	293885	43.227	ug/L	100
15) Methyl Acetate	2.44	43	131411	45.289	ug/L	100
16) Methylene chloride	2.52	84	120100	43.587	ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	110319	43.089	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	380737	44.881	ug/L	100
19) 1,1-Dichloroethane	3.21	63	212475	44.089	ug/L	97
20) cis-1,2-Dichloroethene	3.93	96	122975	44.059	ug/L	98
22) 2-Butanone	3.98	43	185532	92.417	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	64497	43.866	ug/L	98
25) Chloroform	4.40	83	222635	44.952	ug/L	98
27) 1,2-Dichloroethane	5.15	62	190445	45.871	ug/L	97
29) Cyclohexane	4.70	56	187777	41.787	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	205311	44.520	ug/L	99
31) Carbon tetrachloride	4.85	117	176058	44.130	ug/L	100
33) Benzene	5.12	78	458318	42.837	ug/L	100
34) Trichloroethene	5.94	95	123142	42.914	ug/L	98
35) Methylcyclohexane	6.15	83	190444	42.306	ug/L	99
37) 1,2-Dichloropropane	6.20	63	120992	43.485	ug/L	100
38) Bromodichloromethane	6.53	83	167807	45.305	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	197317	45.654	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	356737	90.479	ug/L	99
42) Toluene	7.41	91	489196	43.372	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	192696	45.860	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	117429	43.745	ug/L	97
46) Tetrachloroethene	8.00	164	97668	43.277	ug/L	98
48) 2-Hexanone	8.16	43	279355	91.380	ug/L	98
49) Dibromochloromethane	8.27	129	129748	45.205	ug/L	99
50) 1,2-Dibromoethane	8.37	107	125254	44.557	ug/L	98
51) Chlorobenzene	8.90	112	324862	44.147	ug/L	99
52) Ethylbenzene	9.03	91	563243	45.085	ug/L	99
53) m,p-Xylene	9.16	106	212081	45.594	ug/L	99
54) o-xylene	9.56	106	208377	45.422	ug/L	100
55) Styrene	9.58	104	357944	46.149	ug/L	98
56) Isopropylbenzene	9.95	105	564879	45.826	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	186941	45.420	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	155939	45.171	ug/L	99
61) Bromoform	9.75	173	90777	45.426	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	269719	43.831	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	273337	43.657	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	275261	44.636	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	44496	45.888	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	202707	44.176	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	184892	43.929	ug/L	99
69) Naphthalene	13.52	128	550681	45.485	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	178291	43.293	ug/L	99

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

