

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110618\
 Data File : VV008541.D
 Acq On : 06 Nov 2018 19:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00573

Quant Time: Nov 07 09:11:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 09:05:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	265871	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	244516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42907	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.60%
7) Chloroethane-d5	1.56	69	35884	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.54%
11) 1,1-Dichloroethene-d2	2.13	63	93872	46.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.78%
21) 2-Butanone-d5	3.94	46	142827	99.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.41	84	137325	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.09	65	88887	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.10	84	243867	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.12	67	86239	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.18%
41) Toluene-d8	7.36	98	225422	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	39176	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.00%
47) 2-Hexanone-d5	8.13	63	100463	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	133776	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	87331	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	96642	46.986	ug/L 99
3) Chloromethane	1.25	50	98202	47.051	ug/L 99
5) Vinyl chloride	1.32	62	91443	48.358	ug/L 94
6) Bromomethane	1.51	94	26478	46.235	ug/L 93
8) Chloroethane	1.58	64	49910	48.655	ug/L 95
9) Trichlorofluoromethane	1.76	101	116449	46.942	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	62524	46.121	ug/L 98
12) 1,1-Dichloroethene	2.14	96	58811	46.840	ug/L 93
13) Acetone	2.19	43	101693	74.981	ug/L 99
14) Carbon disulfide	2.32	76	240422	45.850	ug/L 100
15) Methyl Acetate	2.46	43	118756	48.856	ug/L 99
16) Methylene chloride	2.54	84	94212	47.262	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	83927	46.399	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	293184	47.068	ug/L 99
19) 1,1-Dichloroethane	3.23	63	170152	47.344	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	99024	47.840	ug/L 92
22) 2-Butanone	4.02	43	158409	86.139	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	46340	47.063	ug/L	96
25) Chloroform	4.43	83	170917	47.109	ug/L	99
27) 1,2-Dichloroethane	5.19	62	137243	47.215	ug/L	99
29) Cyclohexane	4.73	56	159240	47.877	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	147610	47.654	ug/L	98
31) Carbon tetrachloride	4.88	117	124295	47.612	ug/L	96
33) Benzene	5.15	78	371462	49.501	ug/L	100
34) Trichloroethene	5.96	95	93063	47.859	ug/L	95
35) Methylcyclohexane	6.18	83	144805	45.477	ug/L	96
37) 1,2-Dichloropropane	6.23	63	99533	48.530	ug/L	99
38) Bromodichloromethane	6.56	83	124492	48.166	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	152161	49.174	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	291503	96.784	ug/L	99
42) Toluene	7.43	91	385894	48.842	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	137013	48.632	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	90577	48.794	ug/L	98
46) Tetrachloroethene	8.02	164	66560	48.034	ug/L	98
48) 2-Hexanone	8.19	43	211993	92.622	ug/L	99
49) Dibromochloromethane	8.30	129	95433	49.702	ug/L	97
50) 1,2-Dibromoethane	8.40	107	93809	48.593	ug/L	100
51) Chlorobenzene	8.93	112	241839	48.367	ug/L	97
52) Ethylbenzene	9.06	91	429462	48.839	ug/L	99
53) m,p-Xylene	9.19	106	152594	47.735	ug/L	99
54) o-xylene	9.59	106	157845	48.931	ug/L	95
55) Styrene	9.61	104	259190	49.290	ug/L	100
56) Isopropylbenzene	9.98	105	415181	49.160	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	151721	49.693	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	124064	47.986	ug/L	100
61) Bromoform	9.78	173	62214	47.386	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	169261	46.689	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	167691	46.815	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	174980	47.768	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	31243	45.875	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	113759	48.239	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89963	49.791	ug/L	98
69) Naphthalene	13.56	128	274644	50.130	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	91129	49.536	ug/L	99

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

