

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110118\
 Data File : VV008513.D
 Acq On : 01 Nov 2018 14:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Nov 02 07:14:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 02 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220599	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	201973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62094	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.54%
7) Chloroethane-d5	1.56	69	31036	39.74	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.48%
11) 1,1-Dichloroethene-d2	2.13	63	103377	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.76%
21) 2-Butanone-d5	3.93	46	126428	93.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.11%
24) Chloroform-d	4.40	84	146865	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	97150	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.10	84	285498	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.12	67	96840	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.12%
41) Toluene-d8	7.36	98	260265	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.66	79	48596	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.14	63	98199	94.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137278	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	102653	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	80759	49.642	ug/L 100
3) Chloromethane	1.25	50	80441	49.023	ug/L 99
5) Vinyl chloride	1.33	62	75515	49.435	ug/L 98
6) Bromomethane	1.51	94	15308	40.143	ug/L 99
8) Chloroethane	1.57	64	41039	52.548	ug/L 94
9) Trichlorofluoromethane	1.76	101	93678	50.706	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	51465	52.035	ug/L 99
12) 1,1-Dichloroethene	2.14	96	45736	50.159	ug/L 97
13) Acetone	2.19	43	76162	67.779	ug/L 100
14) Carbon disulfide	2.31	76	213870	48.662	ug/L 100
15) Methyl Acetate	2.46	43	91705	49.317	ug/L 99
16) Methylene chloride	2.53	84	78565	49.893	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	71064	50.093	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	252641	50.730	ug/L 99
19) 1,1-Dichloroethane	3.23	63	144297	51.045	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	82234	50.395	ug/L 95
22) 2-Butanone	4.02	43	128931	85.414	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37806	50.681	ug/L	97
25) Chloroform	4.43	83	143428	51.272	ug/L	98
27) 1,2-Dichloroethane	5.18	62	115799	50.831	ug/L	98
29) Cyclohexane	4.73	56	140327	51.690	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	124223	51.816	ug/L	99
31) Carbon tetrachloride	4.88	117	106647	52.105	ug/L	100
33) Benzene	5.15	78	312369	51.379	ug/L	100
34) Trichloroethene	5.96	95	79570	50.761	ug/L	98
35) Methylcyclohexane	6.18	83	138689	51.784	ug/L	99
37) 1,2-Dichloropropane	6.22	63	86363	51.194	ug/L	100
38) Bromodichloromethane	6.56	83	108357	51.650	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	134794	51.062	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	251492	100.770	ug/L	100
42) Toluene	7.43	91	321993	51.212	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	126773	51.116	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	75166	51.068	ug/L	98
46) Tetrachloroethene	8.02	164	55096	51.227	ug/L	98
48) 2-Hexanone	8.19	43	191214	94.980	ug/L	98
49) Dibromochloromethane	8.29	129	83042	52.239	ug/L	99
50) 1,2-Dibromoethane	8.40	107	79258	50.839	ug/L	97
51) Chlorobenzene	8.93	112	205111	51.794	ug/L	100
52) Ethylbenzene	9.06	91	370645	51.990	ug/L	100
53) m,p-Xylene	9.18	106	135923	51.233	ug/L	99
54) o-xylene	9.59	106	136473	52.121	ug/L	100
55) Styrene	9.61	104	231825	52.143	ug/L	99
56) Isopropylbenzene	9.98	105	359682	52.734	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	137166	51.626	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	111486	51.436	ug/L	100
61) Bromoform	9.78	173	57046	50.339	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	157243	50.558	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	156869	50.125	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	160289	51.649	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	30156	49.155	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	106302	52.194	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	85018	53.756	ug/L	100
69) Naphthalene	13.56	128	255109	52.887	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	84664	53.005	ug/L	99

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

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