

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102518\
 Data File : VV008420.D
 Acq On : 25 Oct 2018 19:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Oct 25 23:21:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205348	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55134	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.98%
7) Chloroethane-d5	1.57	69	39898	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	97872	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.32%
21) 2-Butanone-d5	3.94	46	110461	89.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.39%
24) Chloroform-d	4.41	84	128544	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	5.09	65	85330	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.10	84	258061	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
36) 1,2-Dichloropropane-d6	6.12	67	86756	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.36	98	237295	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	42139	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.36%
47) 2-Hexanone-d5	8.14	63	86107	87.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.79%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115087	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	83152	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	71362	48.667	ug/L	99
3) Chloromethane	1.25	50	77332	49.232	ug/L	98
5) Vinyl chloride	1.33	62	70029	48.115	ug/L	98
6) Bromomethane	1.52	94	19056	47.718	ug/L	98
8) Chloroethane	1.59	64	38837	50.792	ug/L	94
9) Trichlorofluoromethane	1.76	101	91793	49.005	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48189	49.244	ug/L	99
12) 1,1-Dichloroethene	2.14	96	44284	48.064	ug/L	91
13) Acetone	2.19	43	74493	77.679	ug/L	99
14) Carbon disulfide	2.32	76	198499	47.834	ug/L	100
15) Methyl Acetate	2.46	43	91663	47.931	ug/L	99
16) Methylene chloride	2.54	84	77534	48.588	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	67767	48.251	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	251898	50.110	ug/L	99
19) 1,1-Dichloroethane	3.23	63	142341	49.141	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	80221	50.136	ug/L	96
22) 2-Butanone	4.02	43	128092	92.456	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	36385	48.217	ug/L	97
25) Chloroform	4.43	83	142001	50.218	ug/L	98
27) 1,2-Dichloroethane	5.18	62	114243	48.370	ug/L	100
29) Cyclohexane	4.73	56	134628	48.694	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	122381	49.697	ug/L	99
31) Carbon tetrachloride	4.88	117	103812	49.676	ug/L	100
33) Benzene	5.15	78	306196	49.329	ug/L	100
34) Trichloroethene	5.96	95	77728	48.911	ug/L	99
35) Methylcyclohexane	6.18	83	131748	48.763	ug/L	99
37) 1,2-Dichloropropane	6.23	63	85029	49.600	ug/L	99
38) Bromodichloromethane	6.56	83	107448	49.187	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	133889	49.678	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	244283	96.228	ug/L	100
42) Toluene	7.43	91	320842	49.762	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	126426	50.141	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	74281	49.007	ug/L	100
46) Tetrachloroethene	8.02	164	53102	51.257	ug/L	99
48) 2-Hexanone	8.19	43	194167	99.123	ug/L	96
49) Dibromochloromethane	8.29	129	82215	50.474	ug/L	100
50) 1,2-Dibromoethane	8.40	107	78920	49.633	ug/L	100
51) Chlorobenzene	8.93	112	199400	50.226	ug/L	100
52) Ethylbenzene	9.06	91	365128	50.555	ug/L	99
53) m,p-Xylene	9.18	106	132818	50.336	ug/L	99
54) o-xylene	9.59	106	133054	50.498	ug/L	100
55) Styrene	9.61	104	222549	50.129	ug/L	100
56) Isopropylbenzene	9.98	105	349523	50.700	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	129968	48.959	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	105627	49.165	ug/L	99
61) Bromoform	9.78	173	55093	50.052	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	144135	49.976	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	142226	49.203	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	147165	50.038	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	29003	47.968	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	96008	50.980	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	75733	49.706	ug/L	100
69) Naphthalene	13.56	128	226884	46.050	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	76116	49.987	ug/L	100

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

