

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007846.D
 Acq On : 25 Sep 2018 03:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Sep 25 04:05:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195406	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197025	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114430	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38848	36.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.16%
7) Chloroethane-d5	1.59	69	41411	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.82%
11) 1,1-Dichloroethene-d2	2.14	63	105981	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
21) 2-Butanone-d5	3.95	46	59778	85.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.23%
24) Chloroform-d	4.41	84	97153	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
26) 1,2-Dichloroethane-d4	5.09	65	65398	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
32) Benzene-d6	5.11	84	188179	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.13	67	55865	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.54%
41) Toluene-d8	7.36	98	197547	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%
43) trans-1,3-Dichloropropene-	7.67	79	26944	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.92%
47) 2-Hexanone-d5	8.14	63	46452	78.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.87%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95395	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	99048	42.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	63520	46.819	ug/L	97
3) Chloromethane	1.26	50	48577	44.548	ug/L	100
5) Vinyl chloride	1.33	62	58747	46.510	ug/L	97
6) Bromomethane	1.54	94	37233	37.685	ug/L	97
8) Chloroethane	1.60	64	41112	48.681	ug/L	99
9) Trichlorofluoromethane	1.78	101	124494	47.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	69562	47.085	ug/L	96
12) 1,1-Dichloroethene	2.15	96	62163	47.963	ug/L	96
13) Acetone	2.19	43	54250	73.288	ug/L	100
14) Carbon disulfide	2.32	76	150664	43.882	ug/L	100
15) Methyl Acetate	2.46	43	61652	47.053	ug/L	99
16) Methylene chloride	2.54	84	70842	49.837	ug/L	99
17) trans-1,2-Dichloroethene	2.80	96	69167	47.306	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	204936	47.497	ug/L	100
19) 1,1-Dichloroethane	3.23	63	88203	47.747	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	62283	47.496	ug/L	98
22) 2-Butanone	4.03	43	66496	82.988	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	34897	48.018	ug/L	98
25) Chloroform	4.44	83	111713	51.014	ug/L	97
27) 1,2-Dichloroethane	5.19	62	84269	47.441	ug/L	99
29) Cyclohexane	4.73	56	76804	44.577	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	96625	45.825	ug/L	99
31) Carbon tetrachloride	4.88	117	88643	45.501	ug/L	99
33) Benzene	5.15	78	219303	46.468	ug/L	100
34) Trichloroethene	5.96	95	63365	45.399	ug/L	98
35) Methylcyclohexane	6.18	83	92732	43.378	ug/L	98
37) 1,2-Dichloropropane	6.23	63	53888	45.352	ug/L	99
38) Bromodichloromethane	6.56	83	75741	46.365	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	84301	44.133	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	144435	91.920	ug/L	97
42) Toluene	7.44	91	263012	47.015	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	80464	44.369	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	63594	47.627	ug/L	96
46) Tetrachloroethene	8.02	164	68653	48.059	ug/L	98
48) 2-Hexanone	8.19	43	108106	89.315	ug/L	96
49) Dibromochloromethane	8.30	129	71355	47.096	ug/L	100
50) 1,2-Dibromoethane	8.40	107	69607	46.436	ug/L	98
51) Chlorobenzene	8.93	112	190149	47.188	ug/L	99
52) Ethylbenzene	9.06	91	296908	46.947	ug/L	99
53) m,p-Xylene	9.19	106	118981	47.012	ug/L	99
54) o-xylene	9.59	106	115461	46.767	ug/L	100
55) Styrene	9.61	104	201022	47.726	ug/L	99
56) Isopropylbenzene	9.98	105	314346	47.218	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	101039	47.556	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	77741	46.267	ug/L	99
61) Bromoform	9.78	173	54587	45.845	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	161983	44.645	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	170648	45.345	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	168631	45.965	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	18981	42.781	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	134445	44.121	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	114291	41.791	ug/L	100
69) Naphthalene	13.56	128	284940	40.637	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	119921	43.382	ug/L	99

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

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