

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007877.D
 Acq On : 26 Sep 2018 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Sep 27 04:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198983	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53157	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.24%
7) Chloroethane-d5	1.59	69	47934	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.14	63	121724	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
21) 2-Butanone-d5	3.94	46	102577	122.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.02%
24) Chloroform-d	4.41	84	131314	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.09	65	89679	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.10	84	247363	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.12	67	78295	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	7.36	98	248713	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%
43) trans-1,3-Dichloropropene-	7.67	79	39498	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.14	63	75337	107.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.39%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118531	48.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	114744	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	72458	50.417	ug/L 99
3) Chloromethane	1.26	50	64834	47.766	ug/L 99
5) Vinyl chloride	1.33	62	70763	48.572	ug/L 97
6) Bromomethane	1.53	94	43904	54.418	ug/L 97
8) Chloroethane	1.60	64	44706	49.197	ug/L 99
9) Trichlorofluoromethane	1.78	101	122886	50.340	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	70027	51.330	ug/L 99
12) 1,1-Dichloroethene	2.15	96	61564	50.286	ug/L 97
13) Acetone	2.19	43	100821	99.551	ug/L 100
14) Carbon disulfide	2.32	76	158154	49.514	ug/L 99
15) Methyl Acetate	2.46	43	75602	50.887	ug/L 100
16) Methylene chloride	2.54	84	69591	51.368	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	66027	50.551	ug/L 97
18) Methyl tert-butyl Ether	2.81	73	207212	50.916	ug/L 99
19) 1,1-Dichloroethane	3.23	63	112197	50.055	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	70613	49.894	ug/L 97
22) 2-Butanone	4.03	43	116915	100.742	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37747	51.264	ug/L	98
25) Chloroform	4.43	83	127891	48.073	ug/L	99
27) 1,2-Dichloroethane	5.18	62	105238	49.912	ug/L	100
29) Cyclohexane	4.73	56	103146	48.694	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	113272	50.491	ug/L	99
31) Carbon tetrachloride	4.88	117	101499	51.209	ug/L	98
33) Benzene	5.15	78	268252	50.363	ug/L	100
34) Trichloroethene	5.96	95	71812	48.604	ug/L	98
35) Methylcyclohexane	6.18	83	115430	49.799	ug/L	100
37) 1,2-Dichloropropane	6.23	63	70671	49.752	ug/L	100
38) Bromodichloromethane	6.56	83	91538	50.917	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	109472	53.086	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	197515	98.397	ug/L	99
42) Toluene	7.43	91	300013	49.993	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	105921	51.678	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	70084	49.373	ug/L	98
46) Tetrachloroethene	8.02	164	68401	48.179	ug/L	97
48) 2-Hexanone	8.19	43	167467	105.557	ug/L	97
49) Dibromochloromethane	8.29	129	79743	51.377	ug/L	98
50) 1,2-Dibromoethane	8.40	107	75248	49.301	ug/L	99
51) Chlorobenzene	8.93	112	206687	49.759	ug/L	99
52) Ethylbenzene	9.06	91	339637	50.103	ug/L	100
53) m,p-Xylene	9.18	106	129576	50.171	ug/L	99
54) o-xylene	9.59	106	127779	50.932	ug/L	98
55) Styrene	9.61	104	224376	52.215	ug/L	97
56) Isopropylbenzene	9.98	105	346335	50.648	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	116573	50.251	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	93198	49.286	ug/L	100
61) Bromoform	9.78	173	60034	51.390	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	175841	50.732	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	182925	49.664	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	178287	49.568	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	23710	50.382	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	147396	50.442	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	131701	53.419	ug/L	100
69) Naphthalene	13.56	128	348062	57.712	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	134413	53.845	ug/L	99

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

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