

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007778.D
 Acq On : 23 Sep 2018 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Sep 24 05:18:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179666	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42856	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.58	69	43062	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.06%
11) 1,1-Dichloroethene-d2	2.14	63	106556	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
21) 2-Butanone-d5	3.95	46	63756	98.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	4.41	84	103870	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	5.09	65	68118	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
32) Benzene-d6	5.10	84	194112	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	58422	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	7.36	98	202402	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.67	79	27241	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.14	63	49855	93.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.81%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92138	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	98943	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	56382	45.198	ug/L 98
3) Chloromethane	1.25	50	47779	47.654	ug/L 100
5) Vinyl chloride	1.32	62	52956	45.599	ug/L 99
6) Bromomethane	1.53	94	57670	63.483	ug/L 98
8) Chloroethane	1.60	64	37054	47.720	ug/L 100
9) Trichlorofluoromethane	1.77	101	111047	46.367	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	63668	46.870	ug/L 99
12) 1,1-Dichloroethene	2.14	96	56355	47.291	ug/L 96
13) Acetone	2.19	43	54313	79.801	ug/L 98
14) Carbon disulfide	2.32	76	138197	43.777	ug/L 99
15) Methyl Acetate	2.46	43	62155	51.592	ug/L 100
16) Methylene chloride	2.54	84	67420	51.584	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	64131	47.704	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	206262	51.992	ug/L 100
19) 1,1-Dichloroethane	3.23	63	83610	49.226	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	59803	49.600	ug/L 98
22) 2-Butanone	4.03	43	67461	91.568	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34469	51.584	ug/L	96
25) Chloroform	4.43	83	103385	51.347	ug/L	99
27) 1,2-Dichloroethane	5.19	62	82767	50.677	ug/L	99
29) Cyclohexane	4.73	56	68739	44.210	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	88585	46.555	ug/L	99
31) Carbon tetrachloride	4.88	117	80312	45.683	ug/L	100
33) Benzene	5.15	78	207101	48.628	ug/L	100
34) Trichloroethene	5.96	95	59021	46.859	ug/L	99
35) Methylcyclohexane	6.18	83	83937	43.510	ug/L	99
37) 1,2-Dichloropropane	6.23	63	52471	48.934	ug/L	99
38) Bromodichloromethane	6.56	83	73768	50.040	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	80213	46.534	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	138017	97.334	ug/L	100
42) Toluene	7.43	91	244017	48.337	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	75747	46.284	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	59820	49.645	ug/L	99
46) Tetrachloroethene	8.02	164	58812	45.622	ug/L	98
48) 2-Hexanone	8.19	43	106288	97.309	ug/L	96
49) Dibromochloromethane	8.30	129	69349	50.722	ug/L	98
50) 1,2-Dibromoethane	8.40	107	66628	49.255	ug/L	100
51) Chlorobenzene	8.93	112	176124	48.434	ug/L	99
52) Ethylbenzene	9.06	91	267877	46.937	ug/L	100
53) m,p-Xylene	9.18	106	106222	46.509	ug/L	98
54) o-xylene	9.59	106	106575	47.835	ug/L	97
55) Styrene	9.61	104	185335	48.760	ug/L	100
56) Isopropylbenzene	9.98	105	279927	46.594	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	94602	49.341	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	74419	49.079	ug/L	99
61) Bromoform	9.78	173	52616	48.843	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	153794	46.851	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	160417	47.114	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	160451	48.341	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19102	47.587	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	126608	45.924	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	114136	46.128	ug/L	100
69) Naphthalene	13.56	128	304462	47.993	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	118623	47.431	ug/L	98

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

