

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007855.D
 Acq On : 25 Sep 2018 14:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Sep 26 04:48:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:43:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199650	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60415	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.56%
7) Chloroethane-d5	1.59	69	52953	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.14	63	128882	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
21) 2-Butanone-d5	3.95	46	83860	99.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.42%
24) Chloroform-d	4.41	84	130987	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
26) 1,2-Dichloroethane-d4	5.09	65	95400	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
32) Benzene-d6	5.10	84	266076	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
36) 1,2-Dichloropropane-d6	6.12	67	82237	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.36	98	270818	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	7.67	79	41652	52.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.28%
47) 2-Hexanone-d5	8.14	63	73780	105.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127471	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	124383	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	70910	49.175	ug/L 99
3) Chloromethane	1.26	50	66955	49.164	ug/L 99
5) Vinyl chloride	1.33	62	69707	47.687	ug/L 98
6) Bromomethane	1.54	94	40777	50.374	ug/L 99
8) Chloroethane	1.60	64	42929	47.084	ug/L 99
9) Trichlorofluoromethane	1.78	101	117232	47.864	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65899	48.143	ug/L 97
12) 1,1-Dichloroethene	2.15	96	58688	47.777	ug/L 100
13) Acetone	2.19	43	86917	85.535	ug/L 100
14) Carbon disulfide	2.33	76	157622	49.182	ug/L 100
15) Methyl Acetate	2.46	43	75793	50.845	ug/L 100
16) Methylene chloride	2.54	84	67157	49.405	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	63564	48.502	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	205203	50.254	ug/L 100
19) 1,1-Dichloroethane	3.23	63	107397	47.754	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	70613	49.728	ug/L 99
22) 2-Butanone	4.03	43	108364	93.062	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	36714	49.694	ug/L	98
25) Chloroform	4.43	83	131601	49.302	ug/L	99
27) 1,2-Dichloroethane	5.19	62	103833	49.081	ug/L	100
29) Cyclohexane	4.73	56	101762	48.020	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	108652	48.410	ug/L	99
31) Carbon tetrachloride	4.88	117	97296	49.067	ug/L	99
33) Benzene	5.15	78	264362	49.611	ug/L	100
34) Trichloroethene	5.96	95	72102	48.779	ug/L	97
35) Methylcyclohexane	6.18	83	113724	49.041	ug/L	99
37) 1,2-Dichloropropane	6.23	63	69205	48.699	ug/L	100
38) Bromodichloromethane	6.56	83	90679	50.417	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	109927	53.283	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	203387	101.277	ug/L	99
42) Toluene	7.43	91	299500	49.885	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	106210	51.796	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	71340	50.235	ug/L	100
46) Tetrachloroethene	8.02	164	67675	47.646	ug/L	99
48) 2-Hexanone	8.19	43	158561	99.899	ug/L	98
49) Dibromochloromethane	8.30	129	79217	51.015	ug/L	97
50) 1,2-Dibromoethane	8.40	107	76138	49.862	ug/L	100
51) Chlorobenzene	8.93	112	205889	49.545	ug/L	99
52) Ethylbenzene	9.06	91	340759	50.246	ug/L	100
53) m,p-Xylene	9.19	106	129192	50.000	ug/L	99
54) o-xylene	9.59	106	126870	50.548	ug/L	100
55) Styrene	9.61	104	223742	52.044	ug/L	97
56) Isopropylbenzene	9.98	105	342576	50.076	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	119094	51.315	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	95634	50.552	ug/L	100
61) Bromoform	9.78	173	60144	50.741	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	177141	50.369	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	183635	49.136	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	181222	49.656	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	24208	50.697	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	147605	49.783	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	129634	51.821	ug/L	100
69) Naphthalene	13.56	128	333811	54.549	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	132581	52.343	ug/L	99

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

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