

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062818\
 Data File : VV006486.D
 Acq On : 28 Jun 2018 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Jun 29 03:46:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 28 01:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	356721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	320876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	158084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123727	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	99665	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	209002	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.97	46	220772	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	4.40	84	195630	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	90641	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	420437	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	123807	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	400082	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.67	79	43484	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	182787	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74213	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	138831	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	122061	4.67	ug/L	99
3) Chloromethane	1.26	50	122873	4.59	ug/L	98
5) Vinyl chloride	1.32	62	134857	4.63	ug/L	98
6) Bromomethane	1.54	94	78894	4.68	ug/L	100
8) Chloroethane	1.60	64	85227	4.62	ug/L	98
9) Trichlorofluoromethane	1.77	101	169447	4.84	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109253	4.97	ug/L	99
12) 1,1-Dichloroethene	2.14	96	100687	4.67	ug/L	99
13) Acetone	2.23	43	142461	52.88	ug/L	100
14) Carbon disulfide	2.32	76	254862	4.18	ug/L	100
15) Methyl Acetate	2.48	43	39705	5.01	ug/L	100
16) Methylene chloride	2.54	84	112687	4.46	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	247923	4.74	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	110482	4.68	ug/L	99
19) 1,1-Dichloroethane	3.23	63	199177	4.73	ug/L	99
21) 2-Butanone	4.06	43	234241	48.11	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	122037	4.70	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	49346	4.68	ug/L	98
25) Chloroform	4.43	83	201826	4.76	ug/L	99
27) 1,2-Dichloroethane	5.19	62	113585	4.77	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	165288	4.72	ug/L	100
30) Cyclohexane	4.73	56	167423	4.79	ug/L	100
31) Carbon tetrachloride	4.88	117	138001	4.70	ug/L	98
33) Benzene	5.15	78	457355	4.83	ug/L	100
34) Trichloroethene	5.96	95	127664	4.71	ug/L	99
35) Methylcyclohexane	6.18	83	192600	4.89	ug/L	99
37) 1,2-Dichloropropane	6.23	63	112972	4.88	ug/L	99
38) Bromodichloromethane	6.56	83	126242	4.74	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	154611	4.80	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	546056	48.46	ug/L	99
42) Toluene	7.43	91	484777	4.83	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	120140	4.75	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	78257	4.89	ug/L	98
47) Tetrachloroethene	8.02	164	98727	4.82	ug/L	99
48) 2-Hexanone	8.19	43	395659	48.81	ug/L	99
49) Dibromochloromethane	8.30	129	80828	4.74	ug/L	99
50) 1,2-Dibromoethane	8.40	107	69836	4.86	ug/L	96
51) Chlorobenzene	8.93	112	320724	4.83	ug/L	100
52) Ethylbenzene	9.06	91	529540	4.87	ug/L	100
53) m,p-xylene	9.19	106	205950	4.92	ug/L	100
54) o-xylene	9.59	106	201259	4.90	ug/L	99
55) Styrene	9.61	104	336916	5.01	ug/L	98
56) Isopropylbenzene	9.98	105	526759	4.92	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	71329	4.73	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	61711	4.90	ug/L	99
61) Bromoform	9.78	173	40348	4.55	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	245590	4.72	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	246800	4.74	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	233616	4.79	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9078	4.38	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	193452	4.89	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	144740	4.99	ug/L	99
69) Naphthalene	13.56	128	207716	4.90	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	133274	4.93	ug/L	99

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

