

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006455.D
 Acq On : 26 Jun 2018 03:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Jun 26 09:11:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	310659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284753	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96121	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	80444	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.14	63	177287	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	3.96	46	176912	46.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.41	84	172795	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	81788	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.11	84	365898	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	108039	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.37	98	349677	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	34277	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	161415	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67043	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	124319	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	119554	5.25	ug/L 99
3) Chloromethane	1.26	50	115036	4.93	ug/L 99
5) Vinyl chloride	1.32	62	129730	5.12	ug/L 99
6) Bromomethane	1.54	94	73971	5.04	ug/L 100
8) Chloroethane	1.60	64	81776	5.08	ug/L 99
9) Trichlorofluoromethane	1.77	101	163550	5.37	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103020	5.38	ug/L 100
12) 1,1-Dichloroethene	2.15	96	96833	5.15	ug/L 92
13) Acetone	2.21	43	102418	43.65	ug/L 97
14) Carbon disulfide	2.32	76	228739	4.31	ug/L 100
15) Methyl Acetate	2.47	43	30238	4.38	ug/L 95
16) Methylene chloride	2.54	84	104182	4.73	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	232496	5.11	ug/L 99
18) trans-1,2-Dichloroethene	2.80	96	104936	5.10	ug/L 99
19) 1,1-Dichloroethane	3.23	63	184260	5.03	ug/L 99
21) 2-Butanone	4.05	43	205621	48.50	ug/L 92
22) cis-1,2-Dichloroethene	3.97	96	113892	5.04	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	45979	5.00	ug/L	97
25) Chloroform	4.44	83	189205	5.12	ug/L	99
27) 1,2-Dichloroethane	5.19	62	105119	5.07	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	152873	4.92	ug/L	100
30) Cyclohexane	4.73	56	158225	5.10	ug/L	100
31) Carbon tetrachloride	4.88	117	126525	4.86	ug/L	98
33) Benzene	5.15	78	428805	5.10	ug/L	100
34) Trichloroethene	5.96	95	119717	4.98	ug/L	99
35) Methylcyclohexane	6.18	83	179480	5.13	ug/L	99
37) 1,2-Dichloropropane	6.23	63	104495	5.08	ug/L	100
38) Bromodichloromethane	6.56	83	110142	4.66	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	130949	4.58	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	500626	50.06	ug/L	100
42) Toluene	7.44	91	456812	5.13	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	99357	4.43	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	71848	5.06	ug/L	98
47) Tetrachloroethene	8.02	164	91716	5.05	ug/L	98
48) 2-Hexanone	8.19	43	362964	50.45	ug/L	99
49) Dibromochloromethane	8.30	129	70805	4.68	ug/L	99
50) 1,2-Dibromoethane	8.40	107	65576	5.14	ug/L	97
51) Chlorobenzene	8.93	112	299445	5.08	ug/L	100
52) Ethylbenzene	9.06	91	494857	5.13	ug/L	99
53) m,p-xylene	9.19	106	191991	5.16	ug/L	99
54) o-xylene	9.59	106	187228	5.13	ug/L	100
55) Styrene	9.61	104	313496	5.25	ug/L	99
56) Isopropylbenzene	9.98	105	492271	5.18	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	67398	5.03	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	55987	5.01	ug/L	99
61) Bromoform	9.78	173	33418	4.38	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	227020	5.07	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	227364	5.08	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	215213	5.14	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7496	4.21	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	169453	4.98	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	126896	5.09	ug/L	100
69) Naphthalene	13.56	128	184238	5.05	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	121103	5.21	ug/L	99

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

