

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062618\
 Data File : VV006458.D
 Acq On : 26 Jun 2018 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Jun 27 02:19:47 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	331927	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	146719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95179	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	80050	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.14	63	179820	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	3.96	46	159770	39.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.14%
24) Chloroform-d	4.41	84	172641	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	81385	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	363994	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	109010	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	349473	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.67	79	37475	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	160383	46.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65345	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	125942	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	125010	5.14	ug/L 100
3) Chloromethane	1.26	50	120725	4.84	ug/L 100
5) Vinyl chloride	1.32	62	134482	4.96	ug/L 99
6) Bromomethane	1.54	94	77884	4.96	ug/L 100
8) Chloroethane	1.60	64	85085	4.95	ug/L 99
9) Trichlorofluoromethane	1.77	101	170804	5.25	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109685	5.36	ug/L 100
12) 1,1-Dichloroethene	2.15	96	101502	5.06	ug/L 89
13) Acetone	2.21	43	105395	42.04	ug/L 93
14) Carbon disulfide	2.32	76	249860	4.41	ug/L 99
15) Methyl Acetate	2.47	43	31005	4.20	ug/L 97
16) Methylene chloride	2.54	84	122461	5.21	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	238830	4.91	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	109687	4.99	ug/L 98
19) 1,1-Dichloroethane	3.23	63	190584	4.87	ug/L 99
21) 2-Butanone	4.05	43	180796	39.91	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	117367	4.86	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48074	4.90	ug/L	95
25) Chloroform	4.43	83	194004	4.92	ug/L	99
27) 1,2-Dichloroethane	5.19	62	106450	4.80	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	160519	4.84	ug/L	100
30) Cyclohexane	4.73	56	166891	5.03	ug/L	100
31) Carbon tetrachloride	4.88	117	134414	4.83	ug/L	99
33) Benzene	5.15	78	441410	4.91	ug/L	100
34) Trichloroethene	5.96	95	125897	4.90	ug/L	99
35) Methylcyclohexane	6.18	83	192278	5.14	ug/L	98
37) 1,2-Dichloropropane	6.23	63	105591	4.81	ug/L	99
38) Bromodichloromethane	6.56	83	116908	4.62	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	144503	4.73	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	508344	47.55	ug/L	98
42) Toluene	7.44	91	476820	5.01	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	110917	4.63	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	74648	4.92	ug/L	99
47) Tetrachloroethene	8.02	164	97298	5.01	ug/L	98
48) 2-Hexanone	8.19	43	369248	48.01	ug/L	99
49) Dibromochloromethane	8.30	129	75145	4.65	ug/L	99
50) 1,2-Dibromoethane	8.40	107	66945	4.91	ug/L	98
51) Chlorobenzene	8.93	112	309159	4.91	ug/L	100
52) Ethylbenzene	9.06	91	517847	5.02	ug/L	100
53) m,p-xylene	9.19	106	201693	5.07	ug/L	100
54) o-xylene	9.59	106	195026	5.00	ug/L	98
55) Styrene	9.61	104	325408	5.10	ug/L	99
56) Isopropylbenzene	9.98	105	516017	5.08	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	67330	4.71	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	58461	4.89	ug/L	100
61) Bromoform	9.78	173	35918	4.36	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	236830	4.90	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	239310	4.95	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	223947	4.95	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7803	4.06	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	184451	5.02	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	136756	5.08	ug/L	100
69) Naphthalene	13.56	128	187646	4.77	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	126355	5.04	ug/L	100

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

