

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081618\
 Data File : VV007034.D
 Acq On : 16 Aug 2018 10:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Aug 17 01:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232998	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68559	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	57489	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	135224	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.97	46	138466	32.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.02%
24) Chloroform-d	4.40	84	135062	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	64912	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.10	84	262117	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	82677	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.36	98	242274	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	29093	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	92724	33.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61997	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	74167	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115860	5.11 ug/L	99
3) Chloromethane	1.25	50	119837	5.49 ug/L	100
5) Vinyl chloride	1.32	62	114736	5.08 ug/L	99
6) Bromomethane	1.54	94	36485	7.45 ug/L	95
8) Chloroethane	1.60	64	68905	5.03 ug/L	99
9) Trichlorofluoromethane	1.77	101	151314	5.27 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93056	5.40 ug/L	99
12) 1,1-Dichloroethene	2.14	96	86876	5.19 ug/L	93
13) Acetone	2.22	43	94710	42.53 ug/L	98
14) Carbon disulfide	2.32	76	262927	4.76 ug/L	100
15) Methyl Acetate	2.47	43	26597	4.24 ug/L	99
16) Methylene chloride	2.54	84	91442	4.53 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	202741	5.05 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	93338	5.21 ug/L	99
19) 1,1-Dichloroethane	3.23	63	166171	5.14 ug/L	99
21) 2-Butanone	4.06	43	213517	44.16 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	98895	4.86 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46069	5.56	ug/L	88
25) Chloroform	4.43	83	188997	5.34	ug/L	100
27) 1,2-Dichloroethane	5.19	62	112038	5.08	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	158720	5.34	ug/L	99
30) Cyclohexane	4.72	56	148049	4.79	ug/L	99
31) Carbon tetrachloride	4.87	117	134453	5.40	ug/L	97
33) Benzene	5.15	78	411106	5.33	ug/L	100
34) Trichloroethene	5.96	95	98194	5.31	ug/L	95
35) Methylcyclohexane	6.18	83	147308	4.96	ug/L	99
37) 1,2-Dichloropropane	6.22	63	111681	5.29	ug/L	99
38) Bromodichloromethane	6.56	83	125302	5.22	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	129331	5.07	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	566850	49.67	ug/L	97
42) Toluene	7.43	91	417893	5.63	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	110165	5.26	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	73539	5.35	ug/L	97
47) Tetrachloroethene	8.02	164	84197	5.61	ug/L	95
48) 2-Hexanone	8.20	43	420619	52.26	ug/L	97
49) Dibromochloromethane	8.30	129	82383	5.71	ug/L	100
50) 1,2-Dibromoethane	8.40	107	63446	5.46	ug/L #	99
51) Chlorobenzene	8.93	112	256752	5.43	ug/L	99
52) Ethylbenzene	9.06	91	388474	5.25	ug/L	99
53) m,p-xylene	9.19	106	147529	5.34	ug/L	100
54) o-xylene	9.59	106	141180	5.40	ug/L	98
55) Styrene	9.61	104	244086	5.54	ug/L	99
56) Isopropylbenzene	9.98	105	368175	5.36	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	86567	5.18	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	62720	5.30	ug/L	99
61) Bromoform	9.78	173	42471	5.65	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	174451	5.43	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	176265	5.36	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	175886	5.57	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10282	4.59	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	133348	5.49	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	92128	5.17	ug/L	99
69) Naphthalene	13.56	128	118914	4.64	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	89411	5.20	ug/L	98

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

