

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091418\
 Data File : VV007540.D
 Acq On : 14 Sep 2018 22:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Sep 15 02:04:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 01:20:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118008	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31218	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.59	69	28596	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.14	63	69131	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.97	46	42640	49.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	4.41	84	68121	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.09	65	33167	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	130872	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.12	67	38629	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	134261	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	16459	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.15	63	35095	65.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.18%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27132	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	55061	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	32704	5.120	ug/L	100
3) Chloromethane	1.25	50	28210	5.081	ug/L	96
5) Vinyl chloride	1.32	62	33011	5.325	ug/L	96
6) Bromomethane	1.54	94	23430	5.296	ug/L	97
8) Chloroethane	1.60	64	21527	5.698	ug/L	94
9) Trichlorofluoromethane	1.77	101	67467	5.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37142	5.567	ug/L	99
12) 1,1-Dichloroethene	2.14	96	32964	5.504	ug/L	94
13) Acetone	2.21	43	21914	39.024	ug/L	98
14) Carbon disulfide	2.32	76	93099	5.313	ug/L	99
15) Methyl Acetate	2.47	43	8206	5.332	ug/L	89
16) Methylene chloride	2.54	84	32454	5.013	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	74334	5.159	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35545	5.455	ug/L	98
19) 1,1-Dichloroethane	3.23	63	48627	5.119	ug/L	99
21) 2-Butanone	4.06	43	41703	44.270	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	33215	5.172	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	15063	5.350	ug/L	95
25) Chloroform	4.43	83	55968	5.155	ug/L	98
27) 1,2-Dichloroethane	5.19	62	31341	5.014	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	52986	5.087	ug/L	99
30) Cyclohexane	4.73	56	44889	4.942	ug/L	99
31) Carbon tetrachloride	4.88	117	49438	5.058	ug/L	100
33) Benzene	5.15	78	117406	5.308	ug/L	100
34) Trichloroethene	5.96	95	36268	5.347	ug/L	98
35) Methylcyclohexane	6.18	83	53483	5.105	ug/L	99
37) 1,2-Dichloropropane	6.23	63	26960	4.947	ug/L	99
38) Bromodichloromethane	6.56	83	39061	4.942	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	43724	5.046	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	157895	52.473	ug/L	99
42) Toluene	7.43	91	131948	5.164	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	33949	4.763	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	21095	5.183	ug/L	97
47) Tetrachloroethene	8.02	164	31740	5.211	ug/L	98
48) 2-Hexanone	8.20	43	113851	49.836	ug/L	96
49) Dibromochloromethane	8.30	129	29228	5.046	ug/L	98
50) 1,2-Dibromoethane	8.40	107	20704	5.239	ug/L	98
51) Chlorobenzene	8.93	112	88190	5.132	ug/L	98
52) Ethylbenzene	9.06	91	144762	5.030	ug/L	98
53) m,p-xylene	9.19	106	56985	5.110	ug/L	98
54) o-xylene	9.59	106	56344	5.160	ug/L	99
55) Styrene	9.61	104	91663	5.153	ug/L	98
56) Isopropylbenzene	9.98	105	152945	5.159	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	20539	5.152	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	17670	5.302	ug/L	98
61) Bromoform	9.78	173	17087	5.430	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	73020	5.452	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	70790	5.286	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	69415	5.569	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	3380	5.271	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	55290	5.290	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	39055	5.189	ug/L	99
69) Naphthalene	13.56	128	53407	5.861	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	36267	5.284	ug/L	96

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

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