

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007498.D
 Acq On : 13 Sep 2018 01:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Sep 13 07:16:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131420	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63677	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31207	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	25869	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	67257	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.96	46	78999	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.41	84	66192	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	33477	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	125800	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.13	67	38747	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	129497	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	16479	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	58018	61.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28282	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	51999	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	36866	4.81 ug/L	97
3) Chloromethane	1.25	50	30443	4.54 ug/L	99
5) Vinyl chloride	1.32	62	35443	4.59 ug/L	98
6) Bromomethane	1.53	94	23300	4.55 ug/L	99
8) Chloroethane	1.60	64	20949	4.57 ug/L	99
9) Trichlorofluoromethane	1.77	101	67495	5.02 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36884	4.80 ug/L	98
12) 1,1-Dichloroethene	2.14	96	33244	4.90 ug/L	95
13) Acetone	2.20	43	46356	52.44 ug/L	96
14) Carbon disulfide	2.32	76	99027	4.77 ug/L	100
15) Methyl Acetate	2.46	43	12548	5.13 ug/L	92
16) Methylene chloride	2.54	84	33786	4.66 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	83959	4.90 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	35426	4.89 ug/L	98
19) 1,1-Dichloroethane	3.23	63	58314	4.93 ug/L	98
21) 2-Butanone	4.05	43	77184	53.72 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	36944	5.19 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	16522	4.85	ug/L	96
25) Chloroform	4.43	83	61393	5.03	ug/L	97
27) 1,2-Dichloroethane	5.19	62	37893	4.96	ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	58324	4.78	ug/L	100
30) Cyclohexane	4.72	56	50956	4.72	ug/L	96
31) Carbon tetrachloride	4.88	117	55130	4.90	ug/L	97
33) Benzene	5.15	78	127033	4.92	ug/L	100
34) Trichloroethene	5.96	95	38787	4.98	ug/L	94
35) Methylcyclohexane	6.18	83	59120	4.90	ug/L	99
37) 1,2-Dichloropropane	6.23	63	30792	4.71	ug/L	99
38) Bromodichloromethane	6.56	83	46481	5.03	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	48070	4.57	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	192834	51.81	ug/L	99
42) Toluene	7.44	91	141863	4.96	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	40228	4.56	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	24073	4.87	ug/L	97
47) Tetrachloroethene	8.02	164	33195	4.99	ug/L	98
48) 2-Hexanone	8.19	43	135025	49.84	ug/L	97
49) Dibromochloromethane	8.30	129	34793	5.08	ug/L	98
50) 1,2-Dibromoethane	8.40	107	23447	4.86	ug/L	98
51) Chlorobenzene	8.93	112	96774	4.98	ug/L	97
52) Ethylbenzene	9.06	91	161328	4.95	ug/L	100
53) m,p-xylene	9.19	106	62798	4.96	ug/L	99
54) o-xylene	9.59	106	61262	4.95	ug/L	98
55) Styrene	9.61	104	102207	5.04	ug/L	94
56) Isopropylbenzene	9.98	105	165969	4.98	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	25242	4.65	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	20055	4.82	ug/L	95
61) Bromoform	9.78	173	21618	4.89	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	81724	5.04	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	81964	5.07	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	74823	4.91	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4868	4.30	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	63593	5.11	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	50581	5.36	ug/L	99
69) Naphthalene	13.56	128	73166	4.98	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	47866	5.41	ug/L	97

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

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