

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007511.D
 Acq On : 13 Sep 2018 13:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Sep 13 13:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 12 14:37:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144166	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34129	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	29227	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	73457	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.96	46	71242	42.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.78%
24) Chloroform-d	4.41	84	70908	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	34645	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	137397	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	41122	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	139221	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	18162	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	41886	39.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28171	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	57391	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	42166	5.017 ug/L #	89
3) Chloromethane	1.25	50	34351	4.667 ug/L	98
5) Vinyl chloride	1.32	62	38844	4.588 ug/L	96
6) Bromomethane	1.54	94	28743	5.120 ug/L	97
8) Chloroethane	1.60	64	24468	4.862 ug/L	99
9) Trichlorofluoromethane	1.77	101	76805	5.204 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43207	5.123 ug/L	89
12) 1,1-Dichloroethene	2.14	96	37429	5.032 ug/L	89
13) Acetone	2.21	43	43910	45.279 ug/L	98
14) Carbon disulfide	2.32	76	111398	4.893 ug/L	100
15) Methyl Acetate	2.47	43	11415	4.257 ug/L	95
16) Methylene chloride	2.54	84	41444	5.214 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	89760	4.773 ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	40010	5.030 ug/L	99
19) 1,1-Dichloroethane	3.23	63	58056	4.470 ug/L	98
21) 2-Butanone	4.05	43	74175	47.060 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	40226	5.148 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18036	4.824	ug/L	86
25) Chloroform	4.43	83	66568	4.970	ug/L	97
27) 1,2-Dichloroethane	5.19	62	40284	4.807	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	64838	4.782	ug/L	98
30) Cyclohexane	4.72	56	57030	4.746	ug/L	91
31) Carbon tetrachloride	4.87	117	61358	4.904	ug/L	99
33) Benzene	5.15	78	137811	4.803	ug/L	100
34) Trichloroethene	5.96	95	43095	4.980	ug/L	95
35) Methylcyclohexane	6.18	83	69055	5.144	ug/L	92
37) 1,2-Dichloropropane	6.23	63	33554	4.617	ug/L	99
38) Bromodichloromethane	6.56	83	49381	4.802	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	55359	4.734	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	188911	45.647	ug/L	97
42) Toluene	7.43	91	160129	5.039	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	45127	4.597	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	25387	4.614	ug/L	96
47) Tetrachloroethene	8.02	164	39070	5.278	ug/L	97
48) 2-Hexanone	8.19	43	139564	46.328	ug/L	99
49) Dibromochloromethane	8.30	129	36375	4.778	ug/L	97
50) 1,2-Dibromoethane	8.40	107	24801	4.620	ug/L	99
51) Chlorobenzene	8.93	112	106921	4.953	ug/L	97
52) Ethylbenzene	9.06	91	182670	5.044	ug/L	96
53) m,p-xylene	9.18	106	72406	5.140	ug/L	94
54) o-xylene	9.59	106	68977	5.015	ug/L	97
55) Styrene	9.61	104	114345	5.074	ug/L	96
56) Isopropylbenzene	9.98	105	189916	5.127	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	24420	4.048	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	20132	4.351	ug/L	97
61) Bromoform	9.78	173	22442	4.534	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	93221	5.132	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	92663	5.122	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	85192	4.994	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4675	3.686	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	77276	5.548	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	59677	5.648	ug/L	99
69) Naphthalene	13.56	128	75635	4.601	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	52890	5.336	ug/L	99

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

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