

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
 Data File : VV008620.D
 Acq On : 17 Nov 2018 10:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00578

Quant Time: Nov 19 02:56:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 05:41:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122454	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26458	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.59	69	21888	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.14	63	54060	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	3.97	46	94514	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.41	84	70701	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	36070	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	137185	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	44878	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	129161	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	15970	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	74277	46.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30867	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	43917	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	51249	5.08	ug/L	99
3) Chloromethane	1.25	50	43099	5.11	ug/L	97
5) Vinyl chloride	1.33	62	41673	5.38	ug/L	97
6) Bromomethane	1.54	94	24601	5.09	ug/L	99
8) Chloroethane	1.60	64	23262	5.13	ug/L	98
9) Trichlorofluoromethane	1.77	101	56690	5.31	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33460	5.37	ug/L	99
12) 1,1-Dichloroethene	2.14	96	29729	5.24	ug/L	98
13) Acetone	2.22	43	51620	50.86	ug/L	95
14) Carbon disulfide	2.32	76	87875	4.96	ug/L	99
15) Methyl Acetate	2.47	43	11997	4.72	ug/L	91
16) Methylene chloride	2.54	84	31734	4.59	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	75780	5.02	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	31886	5.17	ug/L	93
19) 1,1-Dichloroethane	3.23	63	79972	5.13	ug/L	100
21) 2-Butanone	4.05	43	112832	49.65	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	47113	5.07	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18567	5.19	ug/L	98
25) Chloroform	4.43	83	83091	4.22	ug/L	96
27) 1,2-Dichloroethane	5.18	62	49279	5.01	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	70929	5.15	ug/L	100
30) Cyclohexane	4.72	56	75684	4.94	ug/L	96
31) Carbon tetrachloride	4.87	117	58972	5.04	ug/L	99
33) Benzene	5.15	78	177485	5.13	ug/L	100
34) Trichloroethene	5.96	95	46791	5.12	ug/L	98
35) Methylcyclohexane	6.17	83	80335	5.19	ug/L	98
37) 1,2-Dichloropropane	6.22	63	46981	5.17	ug/L	99
38) Bromodichloromethane	6.56	83	52549	4.74	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	61538	5.04	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	262342	49.32	ug/L	98
42) Toluene	7.43	91	186269	5.17	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	49956	5.02	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	29100	5.03	ug/L	99
47) Tetrachloroethene	8.02	164	33991	5.14	ug/L	95
48) 2-Hexanone	8.19	43	183086	51.00	ug/L	99
49) Dibromochloromethane	8.29	129	30561	4.65	ug/L	99
50) 1,2-Dibromoethane	8.40	107	26225	5.02	ug/L	90
51) Chlorobenzene	8.93	112	115375	5.19	ug/L	99
52) Ethylbenzene	9.06	91	203230	5.12	ug/L	99
53) m,p-xylene	9.18	106	75225	5.13	ug/L	97
54) o-xylene	9.59	106	72542	5.08	ug/L	97
55) Styrene	9.60	104	118400	5.14	ug/L	99
56) Isopropylbenzene	9.98	105	197317	5.15	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	34147	5.00	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	25235	4.90	ug/L	95
61) Bromoform	9.78	173	14631	4.50	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	83564	5.07	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	83682	5.15	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	78146	4.98	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	4831	4.81	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	62796	5.26	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	49499	5.15	ug/L	98
69) Naphthalene	13.56	128	73627	4.71	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	45399	5.12	ug/L	99

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

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