

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008618.D
 Acq On : 17 Nov 2018 06:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Nov 17 09:03:16 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	214700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49057	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.59	69	38769	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	98800	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.97	46	166712	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	4.41	84	126600	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	64138	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	249036	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	78738	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	237635	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	27780	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	131856	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53702	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80258	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89387	5.050 ug/L	99
3) Chloromethane	1.25	50	74941	5.066 ug/L	99
5) Vinyl chloride	1.33	62	74886	5.515 ug/L	98
6) Bromomethane	1.54	94	42504	5.019 ug/L	95
8) Chloroethane	1.60	64	40962	5.149 ug/L	99
9) Trichlorofluoromethane	1.78	101	98317	5.254 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56767	5.199 ug/L	97
12) 1,1-Dichloroethene	2.15	96	52664	5.291 ug/L	96
13) Acetone	2.23	43	82204	46.192 ug/L	95
14) Carbon disulfide	2.33	76	156486	5.037 ug/L	99
15) Methyl Acetate	2.48	43	22637	5.084 ug/L	98
16) Methylene chloride	2.54	84	55838	4.608 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	128369	4.846 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	57479	5.320 ug/L	98
19) 1,1-Dichloroethane	3.23	63	141252	5.166 ug/L	99
21) 2-Butanone	4.06	43	195337	49.024 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	83144	5.098 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	31940	5.089	ug/L	97
25) Chloroform	4.43	83	148337	4.295	ug/L	99
27) 1,2-Dichloroethane	5.19	62	84016	4.875	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	122075	4.881	ug/L	98
30) Cyclohexane	4.73	56	133232	4.790	ug/L	97
31) Carbon tetrachloride	4.88	117	104486	4.912	ug/L	100
33) Benzene	5.15	78	317050	5.047	ug/L	100
34) Trichloroethene	5.96	95	82576	4.974	ug/L	99
35) Methylcyclohexane	6.18	83	137567	4.893	ug/L	98
37) 1,2-Dichloropropane	6.23	63	80532	4.878	ug/L	99
38) Bromodichloromethane	6.56	83	91866	4.561	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	104863	4.725	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	450114	46.577	ug/L	99
42) Toluene	7.43	91	328404	5.017	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	83438	4.615	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	51348	4.887	ug/L	96
47) Tetrachloroethene	8.02	164	59329	4.938	ug/L	95
48) 2-Hexanone	8.19	43	307161	47.093	ug/L	97
49) Dibromochloromethane	8.30	129	56517	4.729	ug/L	97
50) 1,2-Dibromoethane	8.40	107	46317	4.878	ug/L	94
51) Chlorobenzene	8.93	112	204133	5.055	ug/L	98
52) Ethylbenzene	9.06	91	369589	5.129	ug/L	99
53) m,p-xylene	9.18	106	135942	5.104	ug/L	99
54) o-xylene	9.59	106	132260	5.102	ug/L	100
55) Styrene	9.60	104	222422	5.316	ug/L	100
56) Isopropylbenzene	9.98	105	357865	5.142	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	59711	4.815	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	44313	4.732	ug/L	98
61) Bromoform	9.78	173	25328	4.207	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	154222	5.052	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	151941	5.051	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	141773	4.879	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8367	4.499	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	111986	5.066	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	91799	5.154	ug/L	98
69) Naphthalene	13.56	128	139173	4.809	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	84817	5.161	ug/L	99

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

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