

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111818\
 Data File : VV008638.D
 Acq On : 17 Nov 2018 19:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Nov 19 03:02:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:55:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	129221	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26772	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	22142	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.14	63	57801	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	3.97	46	104867	51.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.41	84	76575	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	39140	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	148539	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	47887	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	138023	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	15648	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	85732	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34389	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	48682	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	55235	5.18 ug/L	96
3) Chloromethane	1.25	50	45970	5.16 ug/L	96
5) Vinyl chloride	1.32	62	45705	5.59 ug/L	98
6) Bromomethane	1.54	94	15071	2.96 ug/L	95
8) Chloroethane	1.60	64	27693	5.78 ug/L	96
9) Trichlorofluoromethane	1.77	101	62512	5.55 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35480	5.40 ug/L	96
12) 1,1-Dichloroethene	2.15	96	32713	5.46 ug/L	93
13) Acetone	2.22	43	55474	51.79 ug/L	97
14) Carbon disulfide	2.32	76	94529	5.06 ug/L	98
15) Methyl Acetate	2.47	43	15198	5.67 ug/L	100
16) Methylene chloride	2.54	84	35460	4.86 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	86475	5.42 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35614	5.48 ug/L	95
19) 1,1-Dichloroethane	3.23	63	89920	5.46 ug/L	98
21) 2-Butanone	4.05	43	124258	51.81 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	52601	5.36 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	21163	5.60	ug/L	96
25) Chloroform	4.43	83	94237	4.53	ug/L	97
27) 1,2-Dichloroethane	5.19	62	54571	5.26	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	76245	5.20	ug/L	99
30) Cyclohexane	4.73	56	84248	5.16	ug/L	98
31) Carbon tetrachloride	4.88	117	65246	5.23	ug/L	99
33) Benzene	5.15	78	197245	5.35	ug/L	100
34) Trichloroethene	5.96	95	52898	5.43	ug/L	97
35) Methylcyclohexane	6.18	83	85617	5.19	ug/L	97
37) 1,2-Dichloropropane	6.23	63	50083	5.17	ug/L	99
38) Bromodichloromethane	6.56	83	57408	4.86	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	63180	4.85	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	301469	53.17	ug/L	99
42) Toluene	7.43	91	205438	5.35	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	51813	4.88	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	32392	5.25	ug/L	96
47) Tetrachloroethene	8.02	164	37389	5.30	ug/L	96
48) 2-Hexanone	8.19	43	206797	54.04	ug/L	97
49) Dibromochloromethane	8.30	129	34999	4.99	ug/L	99
50) 1,2-Dibromoethane	8.40	107	30883	5.54	ug/L #	94
51) Chlorobenzene	8.93	112	128424	5.42	ug/L	97
52) Ethylbenzene	9.06	91	225366	5.33	ug/L	99
53) m,p-xylene	9.18	106	83821	5.36	ug/L	98
54) o-xylene	9.59	106	80404	5.29	ug/L	95
55) Styrene	9.61	104	134222	5.47	ug/L	98
56) Isopropylbenzene	9.98	105	219877	5.38	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	38995	5.36	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	30278	5.51	ug/L	100
61) Bromoform	9.78	173	16814	4.63	ug/L	93
62) 1,3-Dichlorobenzene	11.23	146	93881	5.10	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	94713	5.22	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	89811	5.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	5314	4.74	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.70	180	69031	5.17	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	55230	5.14	ug/L	100
69) Naphthalene	13.55	128	84151	4.82	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	50894	5.13	ug/L	99

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

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