

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007538.D
 Acq On : 14 Sep 2018 04:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00580

Quant Time: Sep 14 05:14:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131015	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118482	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31351	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.59	69	26732	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	69107	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.97	46	59198	62.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.04%
24) Chloroform-d	4.41	84	67141	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	33420	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	130480	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.13	67	38593	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	136259	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	16445	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	33408	56.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	29180	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	55832	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33118	4.670 ug/L	97
3) Chloromethane	1.25	50	29836	4.840 ug/L	98
5) Vinyl chloride	1.32	62	34091	4.953 ug/L	97
6) Bromomethane	1.54	94	17330	3.528 ug/L	96
8) Chloroethane	1.60	64	20936	4.991 ug/L	98
9) Trichlorofluoromethane	1.77	101	67313	4.959 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35783	4.831 ug/L	99
12) 1,1-Dichloroethene	2.14	96	33053	4.971 ug/L	95
13) Acetone	2.22	43	41916	67.233 ug/L	98
14) Carbon disulfide	2.32	76	94327	4.849 ug/L	100
15) Methyl Acetate	2.47	43	10957	6.412 ug/L	95
16) Methylene chloride	2.54	84	33124	4.609 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	78680	4.918 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	34461	4.764 ug/L	96
19) 1,1-Dichloroethane	3.23	63	50718	4.809 ug/L	99
21) 2-Butanone	4.06	43	64028	61.222 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	38381	5.383 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	15599	4.991	ug/L	97
25) Chloroform	4.43	83	56955	4.725	ug/L	97
27) 1,2-Dichloroethane	5.19	62	33840	4.877	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	56674	4.918	ug/L	98
30) Cyclohexane	4.73	56	48976	4.875	ug/L	96
31) Carbon tetrachloride	4.88	117	51332	4.747	ug/L	100
33) Benzene	5.15	78	119462	4.883	ug/L	100
34) Trichloroethene	5.96	95	57425	7.653	ug/L	97
35) Methylcyclohexane	6.18	83	54424	4.696	ug/L	96
37) 1,2-Dichloropropane	6.23	63	28954	4.803	ug/L	100
38) Bromodichloromethane	6.56	83	41070	4.697	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	44751	4.669	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	165282	49.653	ug/L	98
42) Toluene	7.44	91	137750	4.874	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	36227	4.594	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	22222	4.936	ug/L	97
47) Tetrachloroethene	8.02	164	33510	4.973	ug/L	98
48) 2-Hexanone	8.20	43	117407	46.458	ug/L	97
49) Dibromochloromethane	8.30	129	30538	4.765	ug/L	100
50) 1,2-Dibromoethane	8.40	107	21378	4.890	ug/L	98
51) Chlorobenzene	8.93	112	92277	4.854	ug/L	98
52) Ethylbenzene	9.06	91	157600	4.950	ug/L	98
53) m,p-xylene	9.19	106	62394	5.058	ug/L	97
54) o-xylene	9.59	106	59173	4.899	ug/L	98
55) Styrene	9.61	104	97074	4.933	ug/L	98
56) Isopropylbenzene	9.98	105	160820	4.903	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23396	5.305	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	17449	4.733	ug/L	94
61) Bromoform	9.78	173	18062	4.702	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	80069	4.898	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	79910	4.888	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	74318	4.884	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3867	4.940	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.70	180	64497	5.055	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	50658	5.513	ug/L	97
69) Naphthalene	13.56	128	69030	6.206	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	46264	5.522	ug/L	98

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

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