

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008246.D
 Acq On : 10 Oct 2018 21:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Oct 10 22:13:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 04:51:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88930	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20580	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.59	69	18429	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	43231	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.97	46	84429	64.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.58%
24) Chloroform-d	4.41	84	55225	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	28016	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	99565	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	33355	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	94514	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	11736	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	58686	59.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28050	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39409	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	32078	5.32	ug/L	97
3) Chloromethane	1.25	50	28320	5.57	ug/L	100
5) Vinyl chloride	1.32	62	30916	5.46	ug/L	100
6) Bromomethane	1.54	94	18279	6.82	ug/L	96
8) Chloroethane	1.60	64	18301	4.84	ug/L	94
9) Trichlorofluoromethane	1.77	101	49110	5.07	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	29703	5.15	ug/L	99
12) 1,1-Dichloroethene	2.14	96	25801	5.36	ug/L	87
13) Acetone	2.22	43	50666	56.94	ug/L	100
14) Carbon disulfide	2.32	76	55162	4.50	ug/L	99
15) Methyl Acetate	2.47	43	12493	5.91	ug/L	95
16) Methylene chloride	2.54	84	29357	5.02	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	70643	5.85	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	28415	5.40	ug/L	99
19) 1,1-Dichloroethane	3.23	63	55558	5.55	ug/L	100
21) 2-Butanone	4.06	43	89611	62.43	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	33364	5.63	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16238	6.03	ug/L	97
25) Chloroform	4.43	83	61189	5.68	ug/L	100
27) 1,2-Dichloroethane	5.19	62	36263	5.73	ug/L #	95
29) 1,1,1-Trichloroethane	4.66	97	52137	5.39	ug/L	99
30) Cyclohexane	4.72	56	38989	4.86	ug/L	99
31) Carbon tetrachloride	4.88	117	45214	5.21	ug/L	99
33) Benzene	5.15	78	123701	5.63	ug/L	100
34) Trichloroethene	5.96	95	33088	5.16	ug/L	99
35) Methylcyclohexane	6.18	83	42453	4.74	ug/L	98
37) 1,2-Dichloropropane	6.23	63	34041	5.75	ug/L	99
38) Bromodichloromethane	6.56	83	40457	5.58	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	40442	5.32	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	214858	63.99	ug/L	100
42) Toluene	7.43	91	132450	5.68	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	34314	5.55	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	25817	6.21	ug/L	99
47) Tetrachloroethene	8.02	164	30185	5.27	ug/L	98
48) 2-Hexanone	8.19	43	155346	68.15	ug/L	95
49) Dibromochloromethane	8.30	129	29490	5.69	ug/L	99
50) 1,2-Dibromoethane	8.40	107	22546	5.98	ug/L	98
51) Chlorobenzene	8.93	112	90453	5.54	ug/L	98
52) Ethylbenzene	9.06	91	135431	5.32	ug/L	100
53) m,p-xylene	9.18	106	53979	5.59	ug/L	97
54) o-xylene	9.59	106	51124	5.55	ug/L	100
55) Styrene	9.61	104	91237	5.81	ug/L	98
56) Isopropylbenzene	9.98	105	137215	5.41	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	28078	5.83	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	21818	6.31	ug/L	95
61) Bromoform	9.78	173	16848	6.19	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	70913	5.39	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	72612	5.41	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	72397	5.69	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3909	5.89	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	56805	5.06	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	42277	5.05	ug/L	100
69) Naphthalene	13.56	128	55609	5.21	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	42827	5.38	ug/L	97

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

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