

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008737.D
 Acq On : 28 Nov 2018 15:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Quant Time: Nov 29 03:14:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 03:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45133	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.59	69	35774	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.14	63	87348	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	3.97	46	124384	47.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.41	84	108041	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	52391	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	217532	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	65024	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	203968	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	23936	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.14	63	91730	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44475	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	69260	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73251	5.042	ug/L 98
3) Chloromethane	1.25	50	57560	4.954	ug/L 98
5) Vinyl chloride	1.32	62	57853	5.008	ug/L 100
6) Bromomethane	1.54	94	34924	5.412	ug/L 92
8) Chloroethane	1.60	64	32688	5.780	ug/L 94
9) Trichlorofluoromethane	1.77	101	82658	5.151	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48426	5.127	ug/L 98
12) 1,1-Dichloroethene	2.15	96	41138	4.873	ug/L 90
13) Acetone	2.22	43	64499	49.519	ug/L 96
14) Carbon disulfide	2.32	76	128570	4.980	ug/L 100
15) Methyl Acetate	2.47	43	16037	4.682	ug/L 96
16) Methylene chloride	2.54	84	44351	4.723	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	100882	5.044	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	46208	5.079	ug/L 98
19) 1,1-Dichloroethane	3.23	63	103979	5.084	ug/L 97
21) 2-Butanone	4.05	43	136422	51.073	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	62313	4.972	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26267	5.090	ug/L	99
25) Chloroform	4.43	83	107085	4.929	ug/L	99
27) 1,2-Dichloroethane	5.19	62	63923	5.178	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	93096	5.126	ug/L	98
30) Cyclohexane	4.72	56	100643	5.208	ug/L	98
31) Carbon tetrachloride	4.87	117	78818	5.182	ug/L	100
33) Benzene	5.15	78	236268	5.060	ug/L	100
34) Trichloroethene	5.96	95	64868	5.044	ug/L	98
35) Methylcyclohexane	6.18	83	106468	5.196	ug/L	99
37) 1,2-Dichloropropane	6.23	63	57145	4.897	ug/L	99
38) Bromodichloromethane	6.56	83	66698	5.037	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	80280	5.162	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	318251	52.203	ug/L	99
42) Toluene	7.43	91	250309	5.182	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	64354	5.294	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	38513	4.952	ug/L	95
47) Tetrachloroethene	8.02	164	49966	5.154	ug/L	98
48) 2-Hexanone	8.19	43	226190	53.591	ug/L	98
49) Dibromochloromethane	8.29	129	42792	5.240	ug/L	99
50) 1,2-Dibromoethane	8.40	107	35816	5.118	ug/L #	96
51) Chlorobenzene	8.93	112	161538	4.612	ug/L	98
52) Ethylbenzene	9.06	91	273774	5.200	ug/L	98
53) m,p-xylene	9.18	106	102689	5.199	ug/L	99
54) o-xylene	9.59	106	98447	5.180	ug/L	98
55) Styrene	9.60	104	165605	5.312	ug/L	98
56) Isopropylbenzene	9.98	105	266852	5.281	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	43289	5.220	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	33346	5.080	ug/L	100
61) Bromoform	9.78	173	20351	5.031	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	120755	5.082	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	123801	4.840	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	113790	4.786	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6290	5.252	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.69	180	90524	5.241	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	70465	5.547	ug/L	99
69) Naphthalene	13.56	128	102038	5.520	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	65975	5.729	ug/L	99

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

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