

Data File : VV007604.D
Acq On : 18 Sep 2018 15:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00567

Quant Time: Sep 19 01:44:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121571	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27725	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	24028	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.14	63	67556	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.97	46	37204	46.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.41	84	60093	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	29041	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	116095	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	33055	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	121857	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.67	79	14661	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.15	63	24566	46.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22799	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51773	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	49341	4.938	ug/L 99
3) Chloromethane	1.25	50	36167	4.903	ug/L 100
5) Vinyl chloride	1.32	62	42070	5.026	ug/L 99
6) Bromomethane	1.54	94	29649	4.787	ug/L 100
8) Chloroethane	1.60	64	25594	4.991	ug/L 99
9) Trichlorofluoromethane	1.77	101	84015	4.993	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	47182	5.067	ug/L 100
12) 1,1-Dichloroethene	2.15	96	40802	4.811	ug/L 96
13) Acetone	2.21	43	28873	42.431	ug/L 94
14) Carbon disulfide	2.32	76	119438	4.818	ug/L 99
15) Methyl Acetate	2.47	43	10832	5.451	ug/L 99
16) Methylene chloride	2.54	84	41701	4.654	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	90028	4.877	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	44605	4.886	ug/L 99
19) 1,1-Dichloroethane	3.23	63	58750	4.972	ug/L 99
21) 2-Butanone	4.05	43	52914	49.956	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	40714	4.927	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18465	4.925	ug/L	97
25) Chloroform	4.43	83	69169	4.946	ug/L	100
27) 1,2-Dichloroethane	5.19	62	38125	4.772	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	65680	5.101	ug/L	98
30) Cyclohexane	4.73	56	56484	5.038	ug/L	98
31) Carbon tetrachloride	4.88	117	62084	5.155	ug/L	99
33) Benzene	5.15	78	143176	5.065	ug/L	100
34) Trichloroethene	5.96	95	46018	4.893	ug/L	99
35) Methylcyclohexane	6.18	83	69557	5.095	ug/L	100
37) 1,2-Dichloropropane	6.23	63	32814	5.098	ug/L	100
38) Bromodichloromethane	6.56	83	47047	5.052	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	53221	5.007	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	185037	49.104	ug/L	99
42) Toluene	7.43	91	165924	5.061	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	42763	5.022	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	25798	4.922	ug/L	97
47) Tetrachloroethene	8.02	164	41934	4.948	ug/L	98
48) 2-Hexanone	8.20	43	146107	50.307	ug/L	99
49) Dibromochloromethane	8.30	129	35184	5.075	ug/L	98
50) 1,2-Dibromoethane	8.40	107	25312	4.863	ug/L	97
51) Chlorobenzene	8.93	112	113985	5.016	ug/L	99
52) Ethylbenzene	9.06	91	187505	5.028	ug/L	99
53) m,p-xylene	9.18	106	73829	4.924	ug/L	98
54) o-xylene	9.59	106	71273	5.064	ug/L	99
55) Styrene	9.61	104	117272	5.001	ug/L	99
56) Isopropylbenzene	9.98	105	194751	4.986	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23917	5.032	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	20841	4.845	ug/L	95
61) Bromoform	9.78	173	20626	4.982	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	101142	4.898	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	100313	4.920	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	92423	4.880	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3970	4.962	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	82955	5.086	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	62602	5.469	ug/L	98
69) Naphthalene	13.56	128	71364	5.339	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	56463	5.368	ug/L	98

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

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