

Data File : VV006753.D
Acq On : 28 Jul 2018 04:05
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00565

Quant Time: Jul 28 05:02:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 28 03:46:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243506	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64680	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.57	69	51272	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	119125	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.95	46	188758	47.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.34%
24) Chloroform-d	4.41	84	121155	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	59752	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	237187	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	78473	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	210244	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.67	79	24379	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	160313	49.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62716	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	74010	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	81172	3.704 ug/L	# 84
3) Chloromethane	1.25	50	98775	5.309 ug/L	97
5) Vinyl chloride	1.32	62	105144	4.512 ug/L	97
6) Bromomethane	1.52	94	28950	5.076 ug/L	97
8) Chloroethane	1.59	64	62295	4.885 ug/L	99
9) Trichlorofluoromethane	1.77	101	111426	4.168 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	60932	3.741 ug/L	99
12) 1,1-Dichloroethene	2.14	96	70026	4.390 ug/L	96
13) Acetone	2.19	43	130580	51.829 ug/L	99
14) Carbon disulfide	2.32	76	214059	3.991 ug/L	99
15) Methyl Acetate	2.46	43	38894	5.208 ug/L	98
16) Methylene chloride	2.54	84	84571	4.625 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	195266	4.990 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	80226	4.630 ug/L	99
19) 1,1-Dichloroethane	3.23	63	155115	4.867 ug/L	99
21) 2-Butanone	4.04	43	218601	51.802 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	85782	4.748 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36423	4.899	ug/L	97
25) Chloroform	4.43	83	145964	4.880	ug/L	98
27) 1,2-Dichloroethane	5.19	62	86503	4.930	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	112160	4.630	ug/L	100
30) Cyclohexane	4.73	56	90988	3.355	ug/L	100
31) Carbon tetrachloride	4.88	117	88384	4.269	ug/L	100
33) Benzene	5.15	78	327509	4.838	ug/L	100
34) Trichloroethene	5.96	95	77675	4.546	ug/L	99
35) Methylcyclohexane	6.18	83	89262	3.127	ug/L	99
37) 1,2-Dichloropropane	6.23	63	86183	4.960	ug/L	99
38) Bromodichloromethane	6.56	83	92921	4.787	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	102317	4.520	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	508040	53.186	ug/L	99
42) Toluene	7.44	91	326374	4.682	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	81031	4.553	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	58632	5.010	ug/L	98
47) Tetrachloroethene	8.02	164	55779	4.110	ug/L	99
48) 2-Hexanone	8.19	43	364501	54.688	ug/L	99
49) Dibromochloromethane	8.30	129	60114	4.854	ug/L	100
50) 1,2-Dibromoethane	8.40	107	52601	5.029	ug/L	97
51) Chlorobenzene	8.93	112	206644	4.558	ug/L	99
52) Ethylbenzene	9.06	91	321713	4.330	ug/L	100
53) m,p-xylene	9.19	106	123298	4.396	ug/L	99
54) o-xylene	9.59	106	124159	4.544	ug/L	99
55) Styrene	9.61	104	217025	4.709	ug/L	96
56) Isopropylbenzene	9.98	105	295393	4.163	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	71193	4.973	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	52571	5.140	ug/L	100
61) Bromoform	9.78	173	30677	4.999	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	140630	4.506	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	147052	4.623	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	146342	4.814	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9293	5.108	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	104216	4.374	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	85704	4.528	ug/L	98
69) Naphthalene	13.56	128	155159	4.790	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	84710	4.729	ug/L	98

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

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