

Data File : VU032157.D
Acq On : 20 May 2019 16:06
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00599

Quant Time: May 30 01:23:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 29 09:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	363623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	369381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109472	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.68	69	98839	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.27	63	192573	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.20	46	292550	48.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.30%
24) Chloroform-d	4.64	84	244951	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	122531	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	475546	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	141845	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.56	98	426539	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	52179	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.31	63	261685	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127716	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	165808	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	89614	4.924	ug/L 99
3) Chloromethane	1.32	50	72920	4.175	ug/L 97
5) Vinyl chloride	1.40	62	86103	4.692	ug/L 99
6) Bromomethane	1.63	94	49700	4.699	ug/L 99
8) Chloroethane	1.69	64	48921	4.299	ug/L 98
9) Trichlorofluoromethane	1.88	101	116643	5.181	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	73960	4.958	ug/L 94
12) 1,1-Dichloroethene	2.28	96	73651	5.044	ug/L 75
13) Acetone	2.34	43	90206	45.693	ug/L 99
14) Carbon disulfide	2.47	76	214438	4.604	ug/L 98
15) Methyl Acetate	2.62	43	24646	4.354	ug/L 97
16) Methylene chloride	2.69	84	80482	4.618	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	166918	4.862	ug/L 97
18) trans-1,2-Dichloroethene	2.97	96	75990	4.862	ug/L 99
19) 1,1-Dichloroethane	3.44	63	121754	4.910	ug/L 99
21) 2-Butanone	4.29	43	138648	48.930	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	76672	4.986	ug/L 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35973	5.452	ug/L	89
25) Chloroform	4.67	83	135510	5.111	ug/L	96
27) 1,2-Dichloroethane	5.40	62	78787	5.146	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	109308	5.072	ug/L	96
30) Cyclohexane	4.98	56	87329	4.407	ug/L	95
31) Carbon tetrachloride	5.13	117	98046	5.351	ug/L	99
33) Benzene	5.38	78	277936	4.900	ug/L	100
34) Trichloroethene	6.18	95	76774	4.990	ug/L	97
35) Methylcyclohexane	6.41	83	102081	4.608	ug/L	99
37) 1,2-Dichloropropane	6.43	63	66537	4.798	ug/L	99
38) Bromodichloromethane	6.75	83	90526	5.103	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	95133	4.961	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	306485	47.674	ug/L	98
42) Toluene	7.63	91	310939	5.234	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	74148	4.973	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	53568	5.229	ug/L	97
47) Tetrachloroethene	8.22	164	63363	5.509	ug/L	94
48) 2-Hexanone	8.36	43	252043	50.545	ug/L	97
49) Dibromochloromethane	8.47	129	61974	5.249	ug/L	99
50) 1,2-Dibromoethane	8.59	107	53803	5.481	ug/L	92
51) Chlorobenzene	9.12	112	195011	5.198	ug/L	92
52) Ethylbenzene	9.25	91	294410	4.940	ug/L	98
53) m,p-Xylene	9.37	106	117910	5.209	ug/L	95
54) o-Xylene	9.77	106	113456	5.200	ug/L	92
55) Styrene	9.79	104	193742	5.237	ug/L	97
56) Isopropylbenzene	10.16	105	292444	5.244	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	64392	5.038	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	43372	4.924	ug/L	96
61) Bromoform	9.95	173	37179	5.533	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	140868	5.050	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	144161	4.966	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	145104	5.127	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	9082	4.917	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	110150	5.305	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	80310	5.347	ug/L	97
69) Naphthalene	13.74	128	108189	4.846	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	76945	5.281	ug/L	99

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

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