

Data File : VU030543.D
Acq On : 29 Mar 2019 15:04
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00507

Quant Time: Mar 30 01:13:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206574	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	204990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76777	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	63339	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.27	63	157184	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.21	46	202106	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.65	84	127382	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.31	65	69037	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	261982	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	89072	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.56	98	238430	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	31525	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	147278	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62685	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	77783	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	112623	4.894	ug/L 99
3) Chloromethane	1.33	50	129063	4.784	ug/L 98
5) Vinyl chloride	1.40	62	123314	4.989	ug/L 98
6) Bromomethane	1.63	94	53580	4.431	ug/L 97
8) Chloroethane	1.70	64	73070	5.197	ug/L 97
9) Trichlorofluoromethane	1.89	101	143162	5.110	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	79247	5.086	ug/L 98
12) 1,1-Dichloroethene	2.28	96	73718	4.891	ug/L 96
13) Acetone	2.35	43	152338	48.441	ug/L 99
14) Carbon disulfide	2.48	76	257847	4.878	ug/L 100
15) Methyl Acetate	2.63	43	40815	5.024	ug/L 96
16) Methylene chloride	2.70	84	89518	5.094	ug/L 97
17) Methyl tert-butyl Ether	3.01	73	198300	4.914	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	79594	5.002	ug/L 98
19) 1,1-Dichloroethane	3.44	63	169806	5.045	ug/L 99
21) 2-Butanone	4.30	43	248556	49.870	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	83135	4.899	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	32857	4.847	ug/L	93
25) Chloroform	4.67	83	160432	5.228	ug/L	96
27) 1,2-Dichloroethane	5.41	62	96887	4.866	ug/L #	95
29) 1,1,1-Trichloroethane	4.91	97	125608	4.810	ug/L	99
30) Cyclohexane	4.99	56	146680	4.653	ug/L	100
31) Carbon tetrachloride	5.13	117	104899	4.785	ug/L	96
33) Benzene	5.39	78	334397	4.822	ug/L	100
34) Trichloroethene	6.18	95	82296	4.741	ug/L	98
35) Methylcyclohexane	6.41	83	131479	4.746	ug/L	99
37) 1,2-Dichloropropane	6.43	63	91693	4.805	ug/L	99
38) Bromodichloromethane	6.76	83	108268	4.859	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	121557	4.763	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	577616	48.521	ug/L	100
42) Toluene	7.63	91	347780	5.001	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	96753	4.898	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	57216	5.028	ug/L	96
47) Tetrachloroethene	8.22	164	59654	4.899	ug/L	97
48) 2-Hexanone	8.36	43	420954	51.034	ug/L	98
49) Dibromochloromethane	8.47	129	65824	4.837	ug/L	94
50) 1,2-Dibromoethane	8.59	107	53725	5.065	ug/L	96
51) Chlorobenzene	9.12	112	206316	4.811	ug/L	99
52) Ethylbenzene	9.25	91	363972	4.907	ug/L	99
53) m,p-Xylene	9.37	106	130787	5.048	ug/L	93
54) o-Xylene	9.78	106	128973	5.076	ug/L	93
55) Styrene	9.79	104	220571	5.146	ug/L	98
56) Isopropylbenzene	10.16	105	336484	4.958	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	75429	4.986	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	49642	4.655	ug/L	98
61) Bromoform	9.95	173	34813	4.741	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	145541	4.757	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	149493	4.661	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	142226	4.777	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	11072	4.806	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	111248	4.873	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	87604	4.969	ug/L	99
69) Naphthalene	13.74	128	135144	4.773	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	82353	5.012	ug/L	99

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

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