

Data File : VU032123.D
Acq On : 18 May 2019 00:27
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00505

Quant Time: May 30 01:17:53 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	353131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109870	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.67	69	105387	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.27	63	187246	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.19	46	288714	49.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.64	84	230036	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	120153	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.33	84	464393	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.32	67	135536	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	417382	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	48455	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.31	63	265473	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127892	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	158869	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	83889	4.746	ug/L 98
3) Chloromethane	1.32	50	71167	4.196	ug/L 99
5) Vinyl chloride	1.40	62	81184	4.556	ug/L 98
6) Bromomethane	1.62	94	42787	4.166	ug/L 93
8) Chloroethane	1.69	64	49542	4.483	ug/L 100
9) Trichlorofluoromethane	1.88	101	108532	4.964	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66626	4.599	ug/L 93
12) 1,1-Dichloroethene	2.28	96	68280	4.815	ug/L 86
13) Acetone	2.33	43	89265	46.560	ug/L 100
14) Carbon disulfide	2.47	76	205443	4.542	ug/L 98
15) Methyl Acetate	2.62	43	23192	4.219	ug/L 95
16) Methylene chloride	2.69	84	76095	4.496	ug/L 94
17) Methyl tert-butyl Ether	3.00	73	165582	4.966	ug/L 96
18) trans-1,2-Dichloroethene	2.97	96	74396	4.901	ug/L 96
19) 1,1-Dichloroethane	3.43	63	115835	4.810	ug/L 96
21) 2-Butanone	4.28	43	131780	47.888	ug/L 90
22) cis-1,2-Dichloroethene	4.22	96	74245	4.972	ug/L 94

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35216	5.496	ug/L	89
25) Chloroform	4.67	83	126641	4.918	ug/L	94
27) 1,2-Dichloroethane	5.40	62	77553	5.215	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	104866	4.963	ug/L	94
30) Cyclohexane	4.98	56	79305	4.081	ug/L	95
31) Carbon tetrachloride	5.13	117	91167	5.074	ug/L	100
33) Benzene	5.38	78	267384	4.808	ug/L	100
34) Trichloroethene	6.18	95	69310	4.594	ug/L	89
35) Methylcyclohexane	6.41	83	92325	4.250	ug/L	96
37) 1,2-Dichloropropane	6.43	63	62356	4.586	ug/L	99
38) Bromodichloromethane	6.76	83	84370	4.851	ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	85571	4.551	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	304238	48.263	ug/L	97
42) Toluene	7.63	91	294685	5.059	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	68804	4.706	ug/L	94
45) 1,1,2-Trichloroethane	8.06	97	51455	5.123	ug/L	97
47) Tetrachloroethene	8.22	164	59241	5.253	ug/L	94
48) 2-Hexanone	8.36	43	251247	51.384	ug/L	96
49) Dibromochloromethane	8.47	129	59620	5.150	ug/L	98
50) 1,2-Dibromoethane	8.59	107	48771	5.067	ug/L	97
51) Chlorobenzene	9.12	112	188540	5.125	ug/L	92
52) Ethylbenzene	9.25	91	276174	4.726	ug/L	98
53) m,p-Xylene	9.37	106	105897	4.771	ug/L	97
54) o-Xylene	9.77	106	106700	4.987	ug/L	91
55) Styrene	9.79	104	184743	5.092	ug/L	96
56) Isopropylbenzene	10.16	105	266814	4.880	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	64415	5.140	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	42502	4.921	ug/L	93
61) Bromoform	9.95	173	34846	5.551	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	131664	5.052	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	132785	4.896	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	141117	5.337	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	10123	5.867	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	102164	5.266	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	73066	5.207	ug/L	99
69) Naphthalene	13.74	128	113821	5.457	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	78027	5.732	ug/L	98

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

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