

Data File : VU032146.D
Acq On : 20 May 2019 11:30
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00507

Quant Time: May 30 01:22:20 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	366314	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	374525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115555	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.67	69	107473	4.08	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.27	63	189632	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.19	46	271461	44.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	4.64	84	246638	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	120440	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	482339	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.32	67	140848	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	433303	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	53501	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.31	63	238930	44.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119660	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	168166	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	93008	5.073 ug/L	100
3) Chloromethane	1.32	50	81166	4.613 ug/L	99
5) Vinyl chloride	1.40	62	90372	4.889 ug/L	95
6) Bromomethane	1.61	94	52576	4.935 ug/L	100
8) Chloroethane	1.68	64	52720	4.599 ug/L	95
9) Trichlorofluoromethane	1.88	101	118686	5.233 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	76284	5.076 ug/L	98
12) 1,1-Dichloroethene	2.28	96	71535	4.863 ug/L #	73
13) Acetone	2.32	43	86447	43.468 ug/L	99
14) Carbon disulfide	2.47	76	221401	4.719 ug/L	99
15) Methyl Acetate	2.61	43	22568	3.958 ug/L	98
16) Methylene chloride	2.69	84	78821	4.489 ug/L	92
17) Methyl tert-butyl Ether	3.00	73	165873	4.796 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	79333	5.038 ug/L	100
19) 1,1-Dichloroethane	3.43	63	123958	4.962 ug/L	99
21) 2-Butanone	4.28	43	136329	47.758 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	79317	5.120 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35055	5.274	ug/L	92
25) Chloroform	4.67	83	130554	4.888	ug/L	95
27) 1,2-Dichloroethane	5.40	62	77178	5.003	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	113515	5.195	ug/L	95
30) Cyclohexane	4.98	56	92447	4.601	ug/L	97
31) Carbon tetrachloride	5.12	117	95855	5.160	ug/L	96
33) Benzene	5.38	78	290306	5.048	ug/L	100
34) Trichloroethene	6.18	95	75659	4.850	ug/L	95
35) Methylcyclohexane	6.41	83	108905	4.848	ug/L	95
37) 1,2-Dichloropropane	6.43	63	66640	4.739	ug/L	98
38) Bromodichloromethane	6.75	83	87886	4.887	ug/L #	98
39) cis-1,3-Dichloropropene	7.27	75	89472	4.602	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	294981	45.254	ug/L	99
42) Toluene	7.63	91	321411	5.336	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	79035	5.228	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	52054	5.012	ug/L	96
47) Tetrachloroethene	8.22	164	63139	5.414	ug/L	92
48) 2-Hexanone	8.36	43	241471	47.759	ug/L	96
49) Dibromochloromethane	8.47	129	62691	5.237	ug/L	96
50) 1,2-Dibromoethane	8.58	107	48038	4.826	ug/L	98
51) Chlorobenzene	9.12	112	201520	5.297	ug/L	92
52) Ethylbenzene	9.25	91	304000	5.031	ug/L	97
53) m,p-Xylene	9.37	106	121480	5.293	ug/L	98
54) o-Xylene	9.77	106	122828	5.552	ug/L	90
55) Styrene	9.79	104	203824	5.433	ug/L	97
56) Isopropylbenzene	10.16	105	303605	5.370	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	61831	4.771	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	42725	4.784	ug/L	98
61) Bromoform	9.95	173	34403	5.028	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	150714	5.306	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	154026	5.210	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	150970	5.238	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	9607	5.108	ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	121755	5.758	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	85303	5.577	ug/L	97
69) Naphthalene	13.74	128	120752	5.312	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	84759	5.713	ug/L	99

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

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