

Data File : VU032182.D
Acq On : 21 May 2019 02:56
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

Quant Time: May 30 01:25:16 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	363653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	168882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99340	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.68	69	93293	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.27	63	177720	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.20	46	289001	48.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.12%
24) Chloroform-d	4.64	84	238294	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.31	65	117731	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.33	84	453880	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.33	67	136161	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.56	98	410718	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.85	79	48281	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.31	63	262130	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120454	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	159486	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	81845	4.497	ug/L	94
3) Chloromethane	1.32	50	70116	4.014	ug/L	99
5) Vinyl chloride	1.40	62	80996	4.414	ug/L	97
6) Bromomethane	1.63	94	47750	4.514	ug/L	90
8) Chloroethane	1.69	64	45519	4.000	ug/L	98
9) Trichlorofluoromethane	1.88	101	115068	5.111	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	68385	4.584	ug/L	93
12) 1,1-Dichloroethene	2.28	96	69707	4.773	ug/L #	73
13) Acetone	2.34	43	85333	43.221	ug/L	99
14) Carbon disulfide	2.47	76	199606	4.285	ug/L	99
15) Methyl Acetate	2.62	43	23042	4.070	ug/L	98
16) Methylene chloride	2.69	84	78216	4.487	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	158353	4.612	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	75894	4.855	ug/L	91
19) 1,1-Dichloroethane	3.44	63	117632	4.744	ug/L	98
21) 2-Butanone	4.29	43	135335	47.756	ug/L	92
22) cis-1,2-Dichloroethene	4.22	96	77444	5.036	ug/L	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	35693	5.409	ug/L	97
25) Chloroform	4.67	83	131907	4.974	ug/L	99
27) 1,2-Dichloroethane	5.40	62	72172	4.713	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	109346	5.183	ug/L	96
30) Cyclohexane	4.98	56	83709	4.314	ug/L	95
31) Carbon tetrachloride	5.13	117	92090	5.133	ug/L	99
33) Benzene	5.38	78	277461	4.996	ug/L	100
34) Trichloroethene	6.18	95	72649	4.823	ug/L	92
35) Methylcyclohexane	6.40	83	93917	4.330	ug/L	98
37) 1,2-Dichloropropane	6.43	63	62386	4.595	ug/L	100
38) Bromodichloromethane	6.75	83	87776	5.054	ug/L #	99
39) cis-1,3-Dichloropropene	7.27	75	86254	4.594	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	298709	47.457	ug/L	98
42) Toluene	7.63	91	300855	5.173	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	70210	4.810	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	51778	5.162	ug/L	97
47) Tetrachloroethene	8.22	164	61154	5.431	ug/L	96
48) 2-Hexanone	8.36	43	245832	50.353	ug/L	99
49) Dibromochloromethane	8.47	129	62066	5.369	ug/L	100
50) 1,2-Dibromoethane	8.58	107	49952	5.197	ug/L	99
51) Chlorobenzene	9.12	112	190589	5.188	ug/L	92
52) Ethylbenzene	9.24	91	291362	4.994	ug/L	97
53) m,p-Xylene	9.37	106	110529	4.987	ug/L	99
54) o-Xylene	9.77	106	111778	5.232	ug/L	88
55) Styrene	9.79	104	191576	5.289	ug/L	94
56) Isopropylbenzene	10.16	105	281339	5.153	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	63483	5.073	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	44677	5.181	ug/L	100
61) Bromoform	9.95	173	35684	5.506	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	141131	5.245	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	143114	5.110	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	146835	5.378	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	9586	5.381	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	106517	5.318	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	76984	5.314	ug/L	99
69) Naphthalene	13.74	128	108351	5.031	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	82243	5.852	ug/L	98

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

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