Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\
Data File : VU032255.D
Acq On : 23 May 2019 06:22
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: May 23 07:26:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	378354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	377899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172332	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	96432	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.68	69	92621	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.27	63	185036	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.60%			
20) 2-Butanone-d5	4.20	46	302380	50.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.90%			
24) Chloroform-d	4.64	84	263307	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.31	65	141150	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.33	84	521262	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.33	67	168095	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.56	98	516358	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.85	79	62448	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.31	63	272839	54.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173400	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	232806	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	77177	4.772	ug/L	99
3) Chloromethane	1.32	50	74961	4.622	ug/L	100
5) Vinyl chloride	1.40	62	77999	4.763	ug/L	99
6) Bromomethane	1.63	94	49469	4.768	ug/L	95
8) Chloroethane	1.70	64	47490	4.568	ug/L	97
9) Trichlorofluoromethane	1.88	101	106833	5.032	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	63402	4.733	ug/L	99
12) 1,1-Dichloroethene	2.28	96	68610	5.096	ug/L	85
13) Acetone	2.34	43	88296	47.549	ug/L	98
14) Carbon disulfide	2.47	76	200130	4.797	ug/L	100
15) Methyl Acetate	2.62	43	23371	4.289	ug/L	93
16) Methylene chloride	2.70	84	72528	4.038	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	151737	4.998	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	71726	4.963	ug/L	95
19) 1,1-Dichloroethane	3.44	63	112768	5.052	ug/L	97
21) 2-Butanone	4.29	43	138219	49.339	ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	71229	5.049	ug/L	96

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ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	32736	5.251 ug/L	91
25) Chloroform	4.67	83	118827	4.929 ug/L	95
27) 1,2-Dichloroethane	5.41	62	68516	4.884 ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	98324	5.013 ug/L	99
30) Cyclohexane	4.98	56	84406	4.603 ug/L	100
31) Carbon tetrachloride	5.13	117	81997	4.745 ug/L	96
33) Benzene	5.38	78	266940	5.222 ug/L	100
34) Trichloroethene	6.18	95	65197	4.752 ug/L	90
35) Methylcyclohexane	6.41	83	91047	4.505 ug/L	99
37) 1,2-Dichloropropane	6.43	63	63480	5.158 ug/L #	93
38) Bromodichloromethane	6.75	83	79923	4.997 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	80123	4.572 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	312234	50.188 ug/L	100
42) Toluene	7.63	91	284474	5.237 ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	65399	4.749 ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	47454	4.993 ug/L	93
47) Tetrachloroethene	8.22	164	55695	4.918 ug/L	93
48) 2-Hexanone	8.36	43	246225	51.600 ug/L	97
49) Dibromochloromethane	8.47	129	56839	5.254 ug/L	96
50) 1,2-Dibromoethane	8.59	107	45923	5.125 ug/L	96
51) Chlorobenzene	9.12	112	178016	5.121 ug/L	98
52) Ethylbenzene	9.25	91	271167	4.960 ug/L	96
53) m,p-Xylene	9.37	106	101618	4.998 ug/L	99
54) o-Xylene	9.77	106	102122	5.027 ug/L	95
55) Styrene	9.79	104	172384	5.071 ug/L	100
56) Isopropylbenzene	10.16	105	260357	5.069 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	57218	4.998 ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	40908	5.104 ug/L	99
61) Bromoform	9.95	173	32207	5.218 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	129282	5.077 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	131534	4.925 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	132784	5.141 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	8135	4.878 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	96240	4.967 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	69545	5.091 ug/L	99
69) Naphthalene	13.74	128	100793	4.823 ug/L #	92
70) 1,2,3-Trichlorobenzene	13.98	180	70838	4.898 ug/L	96

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

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