Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (QT Reviewed)

Data File : VU032144.D
Acq On : 18 May 2019 10:49
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: May 30 01:19:58 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	360106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	363261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	114623	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.68	69	103427	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.27	63	191013	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	4.20	46	270237	45.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.76%			
24) Chloroform-d	4.64	84	247021	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	118352	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.33	84	481440	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.33	67	139713	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.56	98	435360	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.85	79	47047	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.31	63	256552	48.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127730	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	164259	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	80590	4.471	ug/L	99
3) Chloromethane	1.32	50	68633	3.968	ug/L	97
5) Vinyl chloride	1.40	62	79675	4.384	ug/L	97
6) Bromomethane	1.63	94	48193	4.601	ug/L	98
8) Chloroethane	1.70	64	47235	4.191	ug/L	94
9) Trichlorofluoromethane	1.88	101	110652	4.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	64778	4.385	ug/L	93
12) 1,1-Dichloroethene	2.28	96	70607	4.883	ug/L	79
13) Acetone	2.34	43	81524	41.699	ug/L	100
14) Carbon disulfide	2.47	76	201720	4.373	ug/L	97
15) Methyl Acetate	2.62	43	21304	3.800	ug/L	99
16) Methylene chloride	2.69	84	76469	4.430	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	158565	4.664	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	75130	4.854	ug/L	95
19) 1,1-Dichloroethane	3.44	63	114200	4.651	ug/L	98
21) 2-Butanone	4.29	43	123601	44.045	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	74395	4.885	ug/L	90

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Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00506

Quant Time: May 30 01:19:58 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)
23) Bromochloromethane	4.54	128	35136	5.377	ug/L		90
25) Chloroform	4.67	83	128856	4.907	ug/L		97
27) 1,2-Dichloroethane	5.40	62	72785	4.800	ug/L		100
29) 1,1,1-Trichloroethane	4.91	97	102972	4.859	ug/L		98
30) Cyclohexane	4.98	56	81168	4.165	ug/L		95
31) Carbon tetrachloride	5.12	117	89655	4.975	ug/L		95
33) Benzene	5.38	78	273270	4.899	ug/L		100
34) Trichloroethene	6.18	95	71151	4.703	ug/L		93
35) Methylcyclohexane	6.41	83	89217	4.095	ug/L		97
37) 1,2-Dichloropropane	6.43	63	62299	4.568	ug/L		98
38) Bromodichloromethane	6.75	83	85494	4.901	ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	78431	4.159	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	278146	43.995	ug/L		95
42) Toluene	7.63	91	293202	5.019	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	63851	4.355	ug/L		95
45) 1,1,2-Trichloroethane	8.06	97	51964	5.158	ug/L		96
47) Tetrachloroethene	8.22	164	57360	5.071	ug/L		96
48) 2-Hexanone	8.36	43	225842	46.053	ug/L		96
49) Dibromochloromethane	8.47	129	60957	5.250	ug/L		93
50) 1,2-Dibromoethane	8.59	107	46894	4.857	ug/L	#	98
51) Chlorobenzene	9.12	112	191645	5.194	ug/L		91
52) Ethylbenzene	9.24	91	284272	4.851	ug/L		98
53) m,p-Xylene	9.37	106	113598	5.103	ug/L		95
54) o-Xylene	9.77	106	108945	5.077	ug/L		89
55) Styrene	9.79	104	184845	5.080	ug/L		98
56) Isopropylbenzene	10.16	105	267147	4.871	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	60898	4.845	ug/L		100
59) 1,2,3-Trichloropropane	10.49	75	40381	4.662	ug/L		98
61) Bromoform	9.95	173	33118	5.220	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	136369	5.177	ug/L		95
63) 1,4-Dichlorobenzene	11.50	146	137231	5.006	ug/L		96
65) 1,2-Dichlorobenzene	11.87	146	137233	5.135	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.65	75	8832	5.064	ug/L		92
67) 1,3,5-Trichlorobenzene	12.88	180	99365	5.068	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	74506	5.253	ug/L		99
69) Naphthalene	13.74	128	103050	4.888	ug/L		96
70) 1,2,3-Trichlorobenzene	13.98	180	78589	5.712	ug/L		99

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

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