Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051219\
Data File : VU031933.D
Acq On : 12 May 2019 10:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: May 13 07:00:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 10 03:36:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	497973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	186842	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.68	69	170912	6.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.00%			
11) 1,1-Dichloroethene-d2	2.27	63	355556	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.21	46	583738	43.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.52%			
24) Chloroform-d	4.64	84	341110	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.31	65	178383	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
32) Benzene-d6	5.33	84	644210	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.33	67	215785	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.56	98	561232	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	7.85	79	82855	5.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.80%			
46) 2-Hexanone-d5	8.31	63	430181	51.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	192168	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	207059	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	234237	4.012	ug/L	99
3) Chloromethane	1.32	50	266455	3.829	ug/L	98
5) Vinyl chloride	1.40	62	278689	4.582	ug/L	97
6) Bromomethane	1.63	94	159892	5.727	ug/L	97
8) Chloroethane	1.70	64	176927	5.282	ug/L	97
9) Trichlorofluoromethane	1.88	101	334306	4.753	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	204177	5.578	ug/L	96
12) 1,1-Dichloroethene	2.28	96	195458	5.670	ug/L	76
13) Acetone	2.35	43	428520	46.497	ug/L	84
14) Carbon disulfide	2.48	76	627304	5.170	ug/L	100
15) Methyl Acetate	2.62	43	110709	4.656	ug/L #	89
16) Methylene chloride	2.70	84	229530	4.799	ug/L	84
17) Methyl tert-butyl Ether	3.00	73	548964	5.346	ug/L #	91
18) trans-1,2-Dichloroethene	2.98	96	209908	5.650	ug/L	84
19) 1,1-Dichloroethane	3.44	63	406540	4.449	ug/L	99
21) 2-Butanone	4.29	43	662149	42.994	ug/L	88
22) cis-1,2-Dichloroethene	4.22	96	218515	4.897	ug/L	79

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: May 13 07:00:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 10 03:36:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	94248	5.263 ug/L #	75
25) Chloroform	4.67	83	385965	4.292 ug/L	99
27) 1,2-Dichloroethane	5.40	62	246989	4.161 ug/L #	93
29) 1,1,1-Trichloroethane	4.91	97	310231	4.546 ug/L	96
30) Cyclohexane	4.98	56	334055	4.469 ug/L	90
31) Carbon tetrachloride	5.13	117	259804	4.470 ug/L	100
33) Benzene	5.38	78	879957	5.068 ug/L	100
34) Trichloroethene	6.18	95	216292	4.941 ug/L	92
35) Methylcyclohexane	6.41	83	331415	5.271 ug/L	87
37) 1,2-Dichloropropane	6.43	63	230646	4.642 ug/L	98
38) Bromodichloromethane	6.75	83	270975	4.578 ug/L	92
39) cis-1,3-Dichloropropene	7.27	75	308151	4.949 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1472191	44.022 ug/L #	89
42) Toluene	7.63	91	920056	5.367 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	245429	4.976 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	158965	5.399 ug/L	99
47) Tetrachloroethene	8.22	164	153676	5.399 ug/L	97
48) 2-Hexanone	8.36	43	1096002	46.112 ug/L #	91
49) Dibromochloromethane	8.47	129	172292	5.032 ug/L	99
50) 1,2-Dibromoethane	8.58	107	149081	5.564 ug/L #	96
51) Chlorobenzene	9.12	112	535682	5.256 ug/L	94
52) Ethylbenzene	9.24	91	932803	5.216 ug/L	96
53) m,p-Xylene	9.37	106	350116	5.500 ug/L	99
54) o-Xylene	9.77	106	343651	5.644 ug/L	94
55) Styrene	9.79	104	590061	5.647 ug/L	92
56) Isopropylbenzene	10.16	105	887118	5.443 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	200903	5.109 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	148358	5.044 ug/L	97
61) Bromoform	9.95	173	96107	5.180 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	384585	5.223 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	398188	5.331 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	394645	5.493 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	31428	4.653 ug/L #	67
67) 1,3,5-Trichlorobenzene	12.88	180	291095	5.203 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	224513	5.433 ug/L	99
69) Naphthalene	13.74	128	399564	5.637 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	223342	5.806 ug/L	98

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

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