Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU031011.D
Acq On : 10 Apr 2019 15:07
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Apr 11 02:12:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 11 02:07:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	238673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115606	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	69306	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.68	69	62838	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.27	63	159115	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.20%			
20) 2-Butanone-d5	4.18	46	253392	53.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.84%			
24) Chloroform-d	4.64	84	138137	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.31	65	80235	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.33	84	268895	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.33	67	91395	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.60%			
41) Toluene-d8	7.56	98	235005	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.85	79	33167	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.31	63	171800	49.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83177	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	86948	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	137011	5.153	ug/L	99
3) Chloromethane	1.32	50	150782	4.838	ug/L	98
5) Vinyl chloride	1.40	62	145836	5.107	ug/L	99
6) Bromomethane	1.62	94	76494	5.475	ug/L	97
8) Chloroethane	1.69	64	84427	5.197	ug/L	98
9) Trichlorofluoromethane	1.88	101	184398	5.696	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	98285	5.460	ug/L	99
12) 1,1-Dichloroethene	2.28	96	89370	5.132	ug/L #	80
13) Acetone	2.32	43	220857	60.784	ug/L	99
14) Carbon disulfide	2.47	76	306408	5.017	ug/L	100
15) Methyl Acetate	2.61	43	57392	6.114	ug/L	98
16) Methylene chloride	2.69	84	110636	5.449	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	269304	5.777	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	101238	5.506	ug/L	93
19) 1,1-Dichloroethane	3.44	63	193629	4.979	ug/L	99
21) 2-Butanone	4.27	43	319445	55.473	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	99212	5.060	ug/L	100

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Apr 11 02:12:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 11 02:07:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	45793	5.847 ug/L	92
25) Chloroform	4.67	83	198985	5.613 ug/L	100
27) 1,2-Dichloroethane	5.40	62	123790	5.381 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	160882	5.222 ug/L	98
30) Cyclohexane	4.99	56	155983	4.194 ug/L	98
31) Carbon tetrachloride	5.13	117	136116	5.263 ug/L	97
33) Benzene	5.38	78	391502	4.786 ug/L	100
34) Trichloroethene	6.18	95	99828	4.875 ug/L	96
35) Methylcyclohexane	6.41	83	139402	4.265 ug/L	98
37) 1,2-Dichloropropane	6.43	63	109020	4.843 ug/L	99
38) Bromodichloromethane	6.75	83	132582	5.043 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	138542	4.601 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	727047	51.769 ug/L	98
42) Toluene	7.63	91	414161	5.048 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	115448	4.954 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	72709	5.416 ug/L	97
47) Tetrachloroethene	8.22	164	76679	5.338 ug/L	97
48) 2-Hexanone	8.36	43	533330	54.808 ug/L	99
49) Dibromochloromethane	8.47	129	87336	5.441 ug/L	94
50) 1,2-Dibromoethane	8.58	107	70481	5.633 ug/L	96
51) Chlorobenzene	9.12	112	245878	4.860 ug/L	98
52) Ethylbenzene	9.25	91	412805	4.718 ug/L	99
53) m,p-Xylene	9.37	106	152530	4.990 ug/L	94
54) o-Xylene	9.77	106	145088	4.841 ug/L	98
55) Styrene	9.79	104	266395	5.268 ug/L	96
56) Isopropylbenzene	10.16	105	387715	4.842 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	94885	5.317 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	68274	5.427 ug/L	97
61) Bromoform	9.95	173	50840	5.807 ug/L	94
62) 1,3-Dichlorobenzene	11.41	146	175324	4.806 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	178694	4.673 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	174592	4.919 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.65	75	14703	5.354 ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	136558	5.017 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	101368	4.822 ug/L	99
69) Naphthalene	13.74	128	159004	4.710 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	102040	5.209 ug/L	99

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

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