Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\
Data File : VU033266.D
Acq On : 16 Jul 2019 16:36
Operator : JC/SP
Sample : K3770-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : X2H31

Quant Time: Jul 17 05:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	136054	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	138395	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69676	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	59579	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.67	69	57126	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.26	63	127239	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	4.18	46	121424	47.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.06%			
24) Chloroform-d	4.62	84	94626	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.29	65	49870	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.32	84	173684	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
36) 1,2-Dichloropropane-d6	6.31	67	57705	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.55	98	150002	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
43) trans-1,3-Dichloropropene-	7.84	79	22330	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.30	63	93748	46.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.88%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48312	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	59729	4.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22678	1.963	ug/L	98
3) Chloromethane	1.32	50	84125	6.170	ug/L	100
5) Vinyl chloride	1.39	62	67212	4.589	ug/L	97
6) Bromomethane	1.62	94	46192	4.975	ug/L	99
8) Chloroethane	1.69	64	46870	5.000	ug/L	99
9) Trichlorofluoromethane	1.87	101	189253	9.016	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	51815	4.469	ug/L	98
12) 1,1-Dichloroethene	2.27	96	64439	5.765	ug/L	88
16) Methylene chloride	2.68	84	44321	3.252	ug/L	93
17) Methyl tert-butyl Ether	2.99	73	156049	5.330	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	79673	6.453	ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	65729	6.299	ug/L	95
23) Bromochloromethane	4.52	128	10299	2.241	ug/L	95
25) Chloroform	4.65	83	93650	4.557	ug/L	97
27) 1,2-Dichloroethane	5.38	62	60501	4.949	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	84528	5.288	ug/L	97
31) Carbon tetrachloride	5.11	117	74425	5.318	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
34) Trichloroethene	6.16	95	88507	8.534 ug/L	99
37) 1,2-Dichloropropane	6.41	63	52161	4.922 ug/L	100
38) Bromodichloromethane	6.74	83	27647	2.045 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	25488	1.686 ug/L	95
42) Toluene	7.62	91	127981	3.042 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	60593	7.995 ug/L	92
47) Tetrachloroethene	8.21	164	42864	5.157 ug/L	96
49) Dibromochloromethane	8.46	129	52709	5.775 ug/L	96
52) Ethylbenzene	9.23	91	464660	10.345 ug/L	100
54) o-Xylene	9.76	106	48601	3.004 ug/L	97
55) Styrene	9.78	104	82029	2.910 ug/L	98
56) Isopropylbenzene	10.15	105	318846	7.414 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	46259	4.768 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	43971	2.112 ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	42197	2.041 ug/L	96

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

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