Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041254.D
Acq On : 16 Nov 2020 17:40
Operator : SY/MD
Sample : L4740-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB110MSD

Quant Time: Nov 17 09:28:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66246	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23094	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25201	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.92	69	22117	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	2.58	63	47996	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.66	46	98519	49.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.06%			
24) Chloroform-d	5.08	84	49648	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	33652	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.74	84	93616	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.70	67	32807	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.90	98	66914	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	10556	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.64	63	66644	48.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.76%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25079	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	21745	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	3221	0.560	ug/L	84
12) 1,1-Dichloroethene	2.59	96	23326	5.409	ug/L	94
13) Acetone	2.66	43	8254	6.193	ug/L	68
18) trans-1,2-Dichloroethene	3.37	96	4167	0.992	ug/L	97
19) 1,1-Dichloroethane	3.89	63	6089	0.648	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	211873	44.668	ug/L	97
29) 1,1,1-Trichloroethane	5.34	97	1366	0.175	ug/L	94
33) Benzene	5.79	78	108521	6.272	ug/L	100
34) Trichloroethene	6.55	95	176381	37.720	ug/L	99
42) Toluene	7.98	91	96682	5.229	ug/L	99
47) Tetrachloroethene	8.56	164	3297	0.954	ug/L	90
51) Chlorobenzene	9.45	112	67957	5.549	ug/L	98

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

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