Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\

Quantitation Report (QT/LSC Reviewed)

Data File : VV016254.D
Acq On : 28 May 2020 02:11
Operator : SY/MD
Sample : L2766-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE4Z6

Quant Time: May 29 11:57:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	96748	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91378	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	48093	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	24162	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.58	69	22815	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	2.12	63	36718	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	3.98	46	66556	43.18	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.36%			
24) Chloroform-d	4.38	84	55776	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.07	65	31295	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.08	84	112168	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.10	67	36976	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.34	98	103512	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
45) trans-1,3-Dichloropropene-	7.64	79	11599	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
48) 2-Hexanone-d5	8.12	63	57982	48.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.86%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25343	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	39524	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	11089	1.309	ug/L	90
8) Chloroethane	1.59	64	16982	3.587	ug/L #	80
19) 1,1-Dichloroethane	3.21	63	2923	0.246	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	47801	6.472	ug/L	98
30) Cyclohexane	4.69	56	23876	2.054	ug/L	99
33) Benzene	5.13	78	10226694	388.914	ug/L	100
35) Methylcyclohexane	6.15	83	15821	1.369	ug/L	91
42) Toluene	7.41	91	1221370	42.591	ug/L	100
53) Chlorobenzene	8.90	112	2119939	119.637	ug/L	99
54) Ethylbenzene	9.04	91	5427393	169.793	ug/L	98
55) m,p-xylene	9.17	106	6010864	501.491	ug/L	88
56) o-xylene	9.57	106	1137850	99.617	ug/L	96
58) Isopropylbenzene	9.95	105	805459	25.743	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	47425	3.231	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	178175	11.947	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	384293	28.968	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	6656	0.730	ug/L #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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