Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013241.D
Acq On : 07 Dec 2017 13:53
Operator : SJ/JU
Sample : I6647-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0279

Manual Integrations APPROVED
Sohil
12/8/2017 11:15:19 AM

Quant Time: Dec 08 03:03:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	198163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	766838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	406857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	798147	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	841219	20.00	ng/ul	0.01
83) Perylene-d12	23.53	264	898431	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17166m	4.29	ng/uL	0.00
5) Phenol-d5	6.89	99	381339	22.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	220247	22.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	326773	24.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	308662	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	158597	26.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	173826	26.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	322909	24.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	320785	26.02	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	892824	24.66	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1154463	25.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	135466	21.54	ng/ul	0.00
57) Fluorene-d10	15.35	176	739810	23.76	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	90924	18.11	ng/ul	0.01
70) Anthracene-d10	17.19	188	1045539	26.16	ng/ul	0.00
76) Pyrene-d10	19.49	212	1090823	26.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	1163021	25.41	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	42353	2.499	ng/ul#	77
34) 2-Methylnaphthalene	12.15	142	60338	2.034	ng/ul	83
44) Dimethylphthalate	13.80	163	209065	6.037	ng/ul#	98
49) Acenaphthene	14.41	153	226822	8.053	ng/ul	97
53) Dibenzofuran	14.75	168	83646	2.012	ng/ul#	85
58) Fluorene	15.40	166	316221	9.193	ng/ul#	99
69) Phenanthrene	17.14	178	2756073	60.781	ng/ul	99
71) Anthracene	17.23	178	276768	5.971	ng/ul	95
72) Carbazole	17.50	167	199744	5.010	ng/ul#	97
74) Fluoranthene	19.16	202	3180370	57.234	ng/ul#	94
77) Pyrene	19.53	202	2951146	57.745	ng/ul#	95
80) Benzo(a)anthracene	21.27	228	1095854	20.532	ng/ul	97
82) Chrysene	21.32	228	1481976	29.929	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	1870679	30.887	ng/ul#	95
86) Benzo(k)fluoranthene	22.90	252	567028m	9.949	ng/ul	
88) Benzo(a)pyrene	23.43	252	1097253	20.168	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.78	276	872371	16.160	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.78	278	229088m	4.984	ng/ul	
91) Benzo(g,h,i)perylene	26.48	276	870718	20.449	ng/ul#	91

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

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