Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014461.D
Acq On : 02 Mar 2018 14:43
Operator : SJ/JU
Sample : J1679-02RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7RE

Manual Integrations APPROVED
Sohil
3/5/2018 3:21:06 PM

Quant Time: Mar 05 11:43:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	99335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	432635	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	263964	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	570086	20.00	ng/ul	0.01
75) Chrysene-d12	21.17	240	558021	20.00	ng/ul	0.02
83) Perylene-d12	23.36	264	467046	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7687	3.31	ng/uL	0.00
5) Phenol-d5	6.74	99	152125	18.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	95009	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	130881	20.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	121789	16.58	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	70063	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	73686	22.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	129218	18.85	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	147776	21.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	447830	20.54	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	574125	21.36	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	47149m	15.67	ng/ul	0.04
57) Fluorene-d10	15.19	176	385560	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	1012	0.30	ng/ul	0.02
70) Anthracene-d10	17.05	188	569964	20.72	ng/ul	0.01
76) Pyrene-d10	19.36	212	630057	21.89	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.23	264	466428	20.52	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.35	128	33233	1.496	ng/ul	97
44) Dimethylphthalate	13.65	163	135293	6.294	ng/ul	99
47) Acenaphthylene	13.90	152	87518	3.445	ng/ul#	88
49) Acenaphthene	14.24	153	99321	5.552	ng/ul	97
53) Dibenzofuran	14.59	168	208602	7.776	ng/ul	89
58) Fluorene	15.24	166	310696	13.416	ng/ul	97
69) Phenanthrene	17.00	178	4735062	144.159	ng/ul	99
71) Anthracene	17.09	178	994262	30.099	ng/ul	98
72) Carbazole	17.37	167	384548	13.845	ng/ul	98
74) Fluoranthene	19.03	202	5486210	139.804	ng/ul#	94
77) Pyrene	19.40	202	4024436	108.521	ng/ul#	93
80) Benzo(a)anthracene	21.16	228	1811305	52.010	ng/ul	98
82) Chrysene	21.21	228	1455603	44.804	ng/ul	96
85) Benzo(b)fluoranthene	22.71	252	1731442	55.366	ng/ul#	98
86) Benzo(k)fluoranthene	22.75	252	554994m	18.666	ng/ul	
88) Benzo(a)pyrene	23.27	252	1172884	41.971	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.55	276	721204	26.596	ng/ul	98
90) Dibenzo(a,h)anthracene	25.54	278	196743m	8.732	ng/ul	
91) Benzo(g,h,i)perylene	26.23	276	613287	27.918	ng/ul#	96

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

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