Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008134.D
Acq On : 01 Dec 2016 13:05
Operator : UM/SJ
Sample : H5730-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WC1

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Quant Time: Dec 02 02:57:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 02:31:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	114907	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	480511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	337384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	689485	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	769039	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	667354	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	8938	3.85	ng/uL	0.00
5) Phenol-d5	6.88	99	239771	27.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	151673	30.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	189679	28.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	198651	29.84	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	97999	28.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	92717	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	190074	26.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	41933	6.02	ng/ul	0.02
43) Dimethylphthalate-d6	13.75	166	476999	21.93	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	845489	31.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	77907m	23.19	ng/ul	0.00
57) Fluorene-d10	15.33	176	655292	34.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	44008	10.75	ng/ul	0.00
70) Anthracene-d10	17.19	188	1167888	39.38	ng/ul	0.00
76) Pyrene-d10	19.49	212	1403384	45.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1192882	42.91	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	230402	37.16	ng/ul	98
6) Phenol	6.91	94	10536	1.20	ng/ul	94
10) 2-Chlorophenol	7.26	128	27601	4.07	ng/ul	98
23) 2-Nitrophenol	9.60	139	125297	31.30	ng/ul	97
28) Naphthalene	10.52	128	173154	7.76	ng/ul	98
31) Hexachlorobutadiene	10.79	225	100653	18.15	ng/ul	94
33) 4-Chloro-3-methylphenol	11.78	107	87925	11.70	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	75471	7.20	ng/ul	96
38) 2,4,6-Trichlorophenol	12.77	196	90599	14.42	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	520730	22.90	ng/ul	98
44) Dimethylphthalate	13.80	163	418492	19.63	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	71429	16.90	ng/ul	97
52) 4-Nitrophenol	14.58	109	99133	31.39	ng/ul	98
53) Dibenzofuran	14.74	168	269892	10.30	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.50	198	37549	8.92	ng/ul#	92
66) Hexachlorobenzene	16.39	284	81753	9.67	ng/ul	97
68) Pentachlorophenol	16.74	266	73442	15.01	ng/ul	97
69) Phenanthrene	17.13	178	1040291	30.17	ng/ul	99
71) Anthracene	17.22	178	438072	12.45	ng/ul	99
73) Di-n-butylphthalate	18.05	149	526131	14.53	ng/ul	99
74) Fluoranthene	19.15	202	1043185	26.06	ng/ul	100
77) Pyrene	19.52	202	1125646	28.45	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	551072	24.00	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.32	228	853252	22.76	ng/ul	99
88) Benzo(a)pyrene	23.42	252	705361	20.54	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.77	276	864614	20.65	ng/ul	98
90) Dibenzo(a,h)anthracene	25.77	278	457108	12.94	ng/ul	99

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

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