Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014781.D
Acq On : 23 Apr 2018 18:12
Operator : SJ/JU
Sample : J2431-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASM7

Quant Time: Apr 24 18:15:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 01:47:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	320540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1315776	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	675374	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1389911	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1378444	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1445670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	29181	3.98	ng/uL	0.00
5) Phenol-d5	7.65	99	602179	24.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	393412	24.76	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	490108	23.64	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	411778	20.84	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	230692	24.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	239575	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	430031	22.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	439674	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1314012	24.92	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1567044	24.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	263341	26.91	ng/ul	0.00
57) Fluorene-d10	16.10	176	1127010	24.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.21	200	201881	26.84	ng/ul	0.00
70) Anthracene-d10	17.94	188	1964143	30.32	ng/ul	0.00
76) Pyrene-d10	20.17	212	2173196	33.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2344699	33.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	65346	8.460	ng/uL#	78
12) 2,2'-oxybis(1-Chloropropan	9.05	45	621562	17.246	ng/ul#	96
20) Nitrobenzene	9.75	77	430628	18.949	ng/ul	93
23) 2-Nitrophenol	10.47	139	256412	24.915	ng/ul#	75
25) Bis(2-Chloroethoxy)methane	10.75	93	369518	14.144	ng/ul	95
27) 2,4-Dichlorophenol	11.00	162	300362	16.343	ng/ul#	90
28) Naphthalene	11.42	128	673423	10.503	ng/ul	100
33) 4-Chloro-3-methylphenol	12.60	107	973370	52.360	ng/ul	94
34) 2-Methylnaphthalene	12.99	142	1096525	24.627	ng/ul	96
37) Hexachlorocyclopentadiene	13.33	237	343982	23.583	ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	218782	16.730	ng/ul	99
41) 2-Chloronaphthalene	14.02	162	781317	18.526	ng/ul	97
45) 2,6-Dinitrotoluene	14.69	165	106635	11.408	ng/ul#	90
47) Acenaphthylene	14.86	152	975048	15.459	ng/ul	100
49) Acenaphthene	15.19	153	534292	11.920	ng/ul	98
54) 2,4-Dinitrotoluene	15.47	165	435263	31.605	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.73	232	394538	33.290	ng/ul#	83
58) Fluorene	16.16	166	557841	11.099	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.14	204	451942	17.965	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.22	198	747531	95.653	ng/ul	90
65) 4-Bromophenyl-phenylether	17.03	248	359061	24.460	ng/ul	94
66) Hexachlorobenzene	17.15	284	462752	27.133	ng/ul#	91
69) Phenanthrene	17.89	178	1070307	14.339	ng/ul	99

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71) Anthracene	17.97	178	1342320	17.719	ng/ul	99
74) Fluoranthene	19.85	202	3114906	38.275	ng/ul#	83
77) Pyrene	20.20	202	1265410	15.712	ng/ul#	79
80) Benzo(a)anthracene	21.91	228	1210481	15.017	ng/ul	98
82) Chrysene	21.97	228	1121906	14.867	ng/ul	100
85) Benzo(b)fluoranthene	23.66	252	3949361	46.342	ng/ul#	96
86) Benzo(k)fluoranthene	23.71	252	1200623	14.651	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	993413	12.289	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.01	276	1542780	15.776	ng/ul#	85
90) Dibenzo(a,h)anthracene	27.01	278	1547205	18.790	ng/ul#	92
91) Benzo(g,h,i)perylene	27.80	276	1338366	16.635	ng/ul#	89

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

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