Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007308.D
Acq On : 29 Aug 2016 13:47
Operator : UM/SJ
Sample : H4587-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA256

Quant Time: Aug 30 05:50:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:10:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	129704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	648383	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	485123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1333105	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1925456	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2037123	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	15662	6.17	ng/uL	0.00
5) Phenol-d5	6.96	99	395456	32.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	208534	32.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	289118	31.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	351535	32.90	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	150339	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	176782	31.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	361485	32.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	398056	28.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1422014	33.98	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1563747	32.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	278006	35.19	ng/ul	0.00
57) Fluorene-d10	15.42	176	1176839	32.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	295504	35.25	ng/ul	0.00
70) Anthracene-d10	17.27	188	2107384	33.84	ng/ul	0.00
76) Pyrene-d10	19.56	212	2704732	33.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3235372	34.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	238672	18.78	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	478996	54.11	ng/ul	99
11) 2-Methylphenol	8.23	108	541059	54.47	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	481843	55.32	ng/ul	96
16) 4-Methylphenol	8.56	108	607559	54.52	ng/ul	84
17) Hexachloroethane	8.87	117	132247	36.67	ng/ul	97
21) Isophorone	9.52	82	916043	36.78	ng/ul	100
24) 2,4-Dimethylphenol	9.76	107	569811	42.75	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	611811	43.59	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	170607	15.52	ng/ul	95
28) Naphthalene	10.63	128	700409	21.72	ng/ul	99
31) Hexachlorobutadiene	10.92	225	413633	55.69	ng/ul	99
32) Caprolactam	11.49	113	178525	40.32	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	563577	34.89	ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	323927	33.24	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	443500	37.24	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	535543	18.15	ng/ul	98
44) Dimethylphthalate	13.89	163	814119	19.53	ng/ul	99
47) Acenaphthylene	14.15	152	1024549	20.53	ng/ul	98
48) 3-Nitroaniline	14.34	138	470015	54.04	ng/ul	96
49) Acenaphthene	14.49	153	1014281	31.23	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	274826	47.56	ng/ul	86
53) Dibenzofuran	14.83	168	875473	18.01	ng/ul	96

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58) Fluorene	15.47	166	305075	7.62	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	631817	30.19	ng/ul	98
60) 4-Nitroaniline	15.51	138	603623	61.16	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	629668	70.38	ng/ul#	97
68) Pentachlorophenol	16.82	266	873256	80.28	ng/ul	99
71) Anthracene	17.30	178	2293416	31.04	ng/ul	99
72) Carbazole	17.57	167	2498265	38.91	ng/ul	98
74) Fluoranthene	19.23	202	1808271	20.13	ng/ul	98
78) Butylbenzylphthalate	20.49	149	933477	21.72	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	1368823	21.96	ng/ul	100
82) Chrysene	21.39	228	3303588	32.13	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	4524450	40.64	ng/ul	99
88) Benzo(a)pyrene	23.53	252	4360176	37.83	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.92	276	2117526	14.97	ng/ul#	94

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

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