Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004592.D
Acq On : 15 Mar 2016 11:30
Operator : SJ/UM
Sample : SSTD00542
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00542

Quant Time: Mar 15 13:41:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 13:14:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	57801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	256029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	146633	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	340269	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	397345	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	397267	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	3610	3.36	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.37	132	18396	4.43	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.00	128	8364	4.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	8571	3.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	18376	4.64	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.89	166	59563	4.88	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	70769	4.80	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.47	176	52881	5.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.32	188	79484	4.77	ng/ul	0.00
79) Pyrene-d10	19.62	212	93879	4.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	88833	4.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	4163	3.47	ng/uL	91
10) 2-Chlorophenol	7.41	128	19777	4.56	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.65	70	15211	5.02	ng/ul#	87
17) Hexachloroethane	8.92	117	8178	5.04	ng/ul	86
20) Nitrobenzene	9.05	77	21123	5.26	ng/ul	93
21) Isophorone	9.56	82	41497	5.03	ng/ul	98
23) 2-Nitrophenol	9.75	139	9638	3.88	ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	23099	4.81	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	27835	5.42	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	19310	4.65	ng/ul	97
28) Naphthalene	10.69	128	69888	4.96	ng/ul	99
31) Hexachlorobutadiene	10.97	225	11956	4.43	ng/ul	96
33) 4-Chloro-3-methylphenol	11.91	107	21658	4.72	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	49268	4.67	ng/ul	98
35) 1-Methylnaphthalene	12.52	142	47015	4.67	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	24418	4.89	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	15716	5.04	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	16646	4.97	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	64430	5.09	ng/ul	98
42) 2-Chloronaphthalene	13.35	162	48037	5.00	ng/ul	97
43) 2-Nitroaniline	13.56	65	11405	5.35	ng/ul	93
45) Dimethylphthalate	13.93	163	60839	4.74	ng/ul	97
46) 2,6-Dinitrotoluene	14.05	165	8744	3.40	ng/ul#	81

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48) Acenaphthylene	14.20	152	76958	4.87	ng/ul	98
50) Acenaphthene	14.54	153	53024	4.90	ng/ul	97
54) Dibenzofuran	14.88	168	76406	5.05	ng/ul	94
55) 2,4-Dinitrotoluene	14.83	165	13470	3.59	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.10	232	14860	5.13	ng/ul#	94
57) Diethylphthalate	15.30	149	62107	4.77	ng/ul	98
59) Fluorene	15.53	166	62211	5.01	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.52	204	29583	4.70	ng/ul	93
65) N-Nitrosodiphenylamine	15.73	169	52764	4.74	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	17213	4.42	ng/ul	96
67) Hexachlorobenzene	16.53	284	19710	4.59	ng/ul	96
70) Phenanthrene	17.26	178	102071	5.01	ng/ul	99
72) Anthracene	17.36	178	101767	4.91	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	23802	4.91	ng/uL	96
74) Pentachlorobenzene	14.80	250	22874	4.62	ng/uL	98
76) Di-n-butylphthalate	18.19	149	170547	7.57	ng/ul	100
80) Pyrene	19.64	202	125861	4.36	ng/ul	98
81) Butylbenzylphthalate	20.55	149	48298	4.24	ng/ul	98
83) Benzo(a)anthracene	21.39	228	121469	4.74	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	69758	4.34	ng/ul	99
85) Chrysene	21.44	228	116825	4.75	ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	119740	4.52	ng/ul	99
89) Benzo(k)fluoranthene	23.06	252	119337	4.55	ng/ul	98
91) Benzo(a)pyrene	23.60	252	114353	4.57	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.04	276	127950	5.14	ng/ul	98
93) Dibenzo(a,h)anthracene	26.05	278	106102	5.15	ng/ul	99
94) Benzo(g,h,i)perylene	26.75	276	107326	5.12	ng/ul	100

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

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