Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
Data File : BM007522.D
Acq On : 23 Sep 2016 13:33
Operator : UM/SJ
Sample : SSTD00543
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00543

Quant Time: Sep 23 16:42:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 23 16:29:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	132915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	576587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	459439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1072192	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1608034	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1660035	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	5326	2.05	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	7.32	132	38829	4.18	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.94	128	19006	4.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	19952	4.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	41055	4.17	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.83	166	161390	4.07	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	185879	4.05	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.41	176	146910	4.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.26	188	243859	4.87	ng/ul	0.00
76) Pyrene-d10	19.55	212	311993	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	354004	4.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	6160	2.12	ng/uL#	86
10) 2-Chlorophenol	7.35	128	38879	4.09	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	35352	3.96	ng/ul	93
17) Hexachloroethane	8.85	117	16980	4.59	ng/ul	99
20) Nitrobenzene	8.98	77	49531	4.56	ng/ul	97
21) Isophorone	9.50	82	93180	4.21	ng/ul	98
23) 2-Nitrophenol	9.69	139	21204	3.95	ng/ul	92
24) 2,4-Dimethylphenol	9.75	107	52150	4.40	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	55271	4.43	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	41347	4.23	ng/ul	97
28) Naphthalene	10.62	128	138917	4.84	ng/ul	99
31) Hexachlorobutadiene	10.90	225	33945	5.14	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	51588	4.26	ng/ul	92
34) 2-Methylnaphthalene	12.23	142	107267	4.57	ng/ul	94
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	65986	4.31	ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	38731	3.58	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	41908	3.72	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	149577	4.20	ng/ul	97
41) 2-Chloronaphthalene	13.29	162	116417	4.17	ng/ul	98
42) 2-Nitroaniline	13.50	65	29740	3.26	ng/ul	92
44) Dimethylphthalate	13.87	163	158881	4.02	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	27564	3.42	ng/ul#	87
47) Acenaphthylene	14.14	152	185296	3.92	ng/ul	98

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49) Acenaphthene	14.48	153	133012	4.32	ng/ul	100
53) Dibenzofuran	14.82	168	200660	4.36	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	43434	3.51	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	43719	3.78	ng/ul#	96
56) Diethylphthalate	15.24	149	160289	3.89	ng/ul	98
58) Fluorene	15.46	166	165465	4.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	88839	4.48	ng/ul	96
64) N-Nitrosodiphenylamine	15.67	169	141111	4.71	ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	56891	4.70	ng/ul	96
66) Hexachlorobenzene	16.47	284	64893	4.79	ng/ul	95
69) Phenanthrene	17.20	178	285987	4.97	ng/ul	99
71) Anthracene	17.29	178	287468	4.84	ng/ul	99
73) Di-n-butylphthalate	18.12	149	267106	4.11	ng/ul	99
77) Pyrene	19.58	202	393508	4.56	ng/ul	99
78) Butylbenzylphthalate	20.48	149	131449	3.66	ng/ul	99
80) Benzo(a)anthracene	21.33	228	437120	4.61	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.25	149	192147	3.69	ng/ul	99
82) Chrysene	21.38	228	430480	5.01	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	452063	4.61	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	453171	5.00	ng/ul	99
88) Benzo(a)pyrene	23.51	252	438007	4.66	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	470173	4.08	ng/ul	96
90) Dibenzo(a,h)anthracene	25.91	278	385893	4.03	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	397806	4.06	ng/ul	97

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

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