Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
Data File : BM007523.D
Acq On : 23 Sep 2016 14:09
Operator : UM/SJ
Sample : SSTD01044
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01044

Quant Time: Sep 23 16:32:48 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	145745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	650962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	521343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1194834	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1767909	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1801249	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12232	4.29	ng/uL	0.00
5) Phenol-d5	6.96	99	115835	8.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	70038	9.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	90442	8.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	98341	8.19	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	45424	9.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	50750	9.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	104777	9.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	100607	7.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	380800	8.47	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	434108	8.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	58538	6.89	ng/ul	0.00
57) Fluorene-d10	15.41	176	336093	8.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	62417	8.31	ng/ul	0.00
70) Anthracene-d10	17.26	188	558128	10.00	ng/ul	0.00
76) Pyrene-d10	19.55	212	703623	9.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	799191	9.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	11793	3.71	ng/uL	92
4) Benzaldehyde	6.93	77	83345	10.63	ng/ul	98
6) Phenol	6.98	94	119636	8.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.21	93	92080	9.26	ng/ul	96
10) 2-Chlorophenol	7.35	128	90605	8.70	ng/ul	97
11) 2-Methylphenol	8.22	108	90305	8.09	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	101719	9.09	ng/ul	95
14) Acetophenone	8.60	105	161566	8.77	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	84100	8.59	ng/ul	92
16) 4-Methylphenol	8.55	108	101269	8.09	ng/ul	95
17) Hexachloroethane	8.85	117	38548	9.51	ng/ul	94
20) Nitrobenzene	8.98	77	119151	9.71	ng/ul	97
21) Isophorone	9.50	82	226085	9.04	ng/ul	98
23) 2-Nitrophenol	9.69	139	54064	8.91	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	126781	9.47	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.98	93	134674	9.56	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	103036	9.34	ng/ul	99
28) Naphthalene	10.62	128	321032	9.92	ng/ul	99
30) 4-Chloroaniline	10.73	127	114450	8.02	ng/ul	98
31) Hexachlorobutadiene	10.90	225	78186	10.48	ng/ul	98
32) Caprolactam	11.50	113	33846	7.61	ng/ul	90
33) 4-Chloro-3-methylphenol	11.86	107	124899	9.14	ng/ul	90
34) 2-Methylnaphthalene	12.23	142	251604	9.50	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.60	216	154825	8.92	ng/ul	96
37) Hexachlorocyclopentadiene	12.57	237	65966	6.30	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	95479	7.78	ng/ul	96
39) 2,4,5-Trichlorophenol	12.92	196	103209	8.06	ng/ul	96
40) 1,1'-Biphenyl	13.24	154	348527	8.62	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	270177	8.52	ng/ul	99
42) 2-Nitroaniline	13.50	65	77637	7.50	ng/ul	97
44) Dimethylphthalate	13.87	163	372900	8.32	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	67706	7.39	ng/ul	93
47) Acenaphthylene	14.13	152	440242	8.21	ng/ul	100
48) 3-Nitroaniline	14.33	138	67800	7.25	ng/ul#	90
49) Acenaphthene	14.48	153	302371	8.66	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	36618	5.90	ng/ul	92
52) 4-Nitrophenol	14.64	109	61408	6.80	ng/ul	91
53) Dibenzofuran	14.82	168	449288	8.60	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	108889	7.76	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.04	232	102850	7.83	ng/ul	97
56) Diethylphthalate	15.24	149	380071	8.13	ng/ul	99
58) Fluorene	15.46	166	375168	8.72	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.46	204	197952	8.80	ng/ul	96
60) 4-Nitroaniline	15.49	138	76989	7.26	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	65507	8.17	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	330776	9.92	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	128271	9.51	ng/ul	94
66) Hexachlorobenzene	16.47	284	148892	9.86	ng/ul	96
67) Atrazine	16.62	200	130689	9.28	ng/ul	98
68) Pentachlorophenol	16.82	266	82343	8.45	ng/ul	96
69) Phenanthrene	17.20	178	650170	10.14	ng/ul	100
71) Anthracene	17.29	178	655920	9.91	ng/ul	98
72) Carbazole	17.57	167	590970	10.27	ng/ul	98
73) Di-n-butylphthalate	18.12	149	641509	8.86	ng/ul	99
74) Fluoranthene	19.22	202	832609	10.34	ng/ul	99
77) Pyrene	19.58	202	887034	9.35	ng/ul	97
78) Butylbenzylphthalate	20.47	149	323646	8.20	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	324375	9.24	ng/ul	97
80) Benzo(a)anthracene	21.33	228	985292	9.45	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	472293	8.25	ng/ul	99
82) Chrysene	21.37	228	942085	9.98	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	872440	9.72	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	1019698	9.57	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	998656	10.15	ng/ul	99
88) Benzo(a)pyrene	23.51	252	980780	9.62	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	1042416	8.34	ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	855913	8.23	ng/ul	98
91) Benzo(g,h,i)perylene	26.60	276	867535	8.17	ng/ul	99

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

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