Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
Data File : BM007525.D
Acq On : 23 Sep 2016 16:01
Operator : UM/SJ
Sample : SSTD04046
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04046

Quant Time: Sep 23 16:33:04 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	7.78	152	146441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	699335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	539442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1238384	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1775130	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1876279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	46201	16.13	ng/uL	0.00
5) Phenol-d5	6.96	99	520043	37.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	274780	37.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	387035	37.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	446287	36.99	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	203329	39.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	241858	40.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	463653	38.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	489352	32.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1563886	33.60	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1838086	34.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	281208	32.01	ng/ul	0.00
57) Fluorene-d10	15.41	176	1353569	33.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	305795	39.27	ng/ul	0.00
70) Anthracene-d10	17.26	188	2236268	38.66	ng/ul	0.00
76) Pyrene-d10	19.56	212	2805404	37.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	3294781	38.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	47584	14.89	ng/uL#	96
4) Benzaldehyde	6.93	77	349930	44.40	ng/ul	98
6) Phenol	6.99	94	523147	36.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.21	93	370235	37.04	ng/ul	97
10) 2-Chlorophenol	7.35	128	389755	37.23	ng/ul	98
11) 2-Methylphenol	8.23	108	405590	36.16	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	407710	36.25	ng/ul	96
14) Acetophenone	8.60	105	676476	36.56	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	357975	36.40	ng/ul	93
16) 4-Methylphenol	8.55	108	455870	36.23	ng/ul	96
17) Hexachloroethane	8.85	117	156021	38.32	ng/ul	96
20) Nitrobenzene	8.98	77	518064	39.28	ng/ul	98
21) Isophorone	9.50	82	999614	37.21	ng/ul	100
23) 2-Nitrophenol	9.69	139	242452	37.20	ng/ul	94
24) 2,4-Dimethylphenol	9.75	107	552790	38.45	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	551460	36.42	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	453335	38.24	ng/ul	98
28) Naphthalene	10.62	128	1317521	37.88	ng/ul	99
30) 4-Chloroaniline	10.73	127	504365	32.91	ng/ul	96
31) Hexachlorobutadiene	10.90	225	311391	38.87	ng/ul	97
32) Caprolactam	11.52	113	111888	23.43	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	553813	37.74	ng/ul	91
34) 2-Methylnaphthalene	12.23	142	1039077	36.50	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	639097	35.58	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	346428	31.97	ng/ul	97
38) 2,4,6-Trichlorophenol	12.84	196	420841	33.12	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	457284	34.53	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	1428682	34.15	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	1108205	33.78	ng/ul	98
42) 2-Nitroaniline	13.50	65	371053	34.63	ng/ul	97
44) Dimethylphthalate	13.87	163	1507420	32.52	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	323542	34.15	ng/ul	91
47) Acenaphthylene	14.14	152	1808642	32.58	ng/ul	99
48) 3-Nitroaniline	14.33	138	316314	32.71	ng/ul	99
49) Acenaphthene	14.48	153	1223444	33.87	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	201864	31.42	ng/ul#	84
52) 4-Nitrophenol	14.64	109	288550	30.87	ng/ul	88
53) Dibenzofuran	14.82	168	1784804	33.02	ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	484515	33.36	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.04	232	443739	32.66	ng/ul#	97
56) Diethylphthalate	15.24	149	1544069	31.93	ng/ul	99
58) Fluorene	15.47	166	1463416	32.87	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	762131	32.75	ng/ul	95
60) 4-Nitroaniline	15.50	138	345797	31.51	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.56	198	314630	37.86	ng/ul#	96
64) N-Nitrosodiphenylamine	15.67	169	1319837	38.17	ng/ul	100
65) 4-Bromophenyl-phenylether	16.35	248	535959	38.33	ng/ul	96
66) Hexachlorobenzene	16.47	284	591764	37.80	ng/ul	96
67) Atrazine	16.63	200	558369	38.25	ng/ul	97
68) Pentachlorophenol	16.82	266	379200	37.53	ng/ul	99
69) Phenanthrene	17.20	178	2546556	38.31	ng/ul	99
71) Anthracene	17.29	178	2603935	37.94	ng/ul	99
72) Carbazole	17.57	167	2351446	39.42	ng/ul	99
73) Di-n-butylphthalate	18.12	149	2722484	36.27	ng/ul	99
74) Fluoranthene	19.22	202	3318172	39.77	ng/ul	98
77) Pyrene	19.59	202	3426591	35.98	ng/ul	96
78) Butylbenzylphthalate	20.47	149	1392713	35.14	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.26	252	1348679	38.27	ng/ul	99
80) Benzo(a)anthracene	21.33	228	3821654	36.52	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1988700	34.60	ng/ul	100
82) Chrysene	21.38	228	3581748	37.79	ng/ul	98
84) Di-n-octyl phthalate	22.13	149	3712972	39.73	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	4173300	37.62	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	3981910	38.83	ng/ul	99
88) Benzo(a)pyrene	23.51	252	3984085	37.53	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	4438432	34.07	ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	3663927	33.81	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3728457	33.71	ng/ul	97

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

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