Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
Data File : BM007524.D
Acq On : 23 Sep 2016 15:25
Operator : UM/SJ
Sample : SSTD02045
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Sep 23 16:32:56 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	128321	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	606939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	481051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1115948	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1670499	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1769112	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	22066	8.79	ng/uL	0.00
5) Phenol-d5	6.96	99	222092	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	125668	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	171694	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	193233	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	89518	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	100612	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	203339	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	208187	16.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	728313	17.55	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	847289	17.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	122819	15.68	ng/ul	0.00
57) Fluorene-d10	15.41	176	637154	17.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	128670	18.34	ng/ul	0.00
70) Anthracene-d10	17.26	188	1056766	20.27	ng/ul	0.00
76) Pyrene-d10	19.55	212	1364245	19.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1617736	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	23601	8.43	ng/uL	99
4) Benzaldehyde	6.93	77	158004	22.88	ng/ul	96
6) Phenol	6.98	94	229108	18.22	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.21	93	169529	19.36	ng/ul	97
10) 2-Chlorophenol	7.35	128	173200	18.88	ng/ul	99
11) 2-Methylphenol	8.22	108	175621	17.87	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	189384	19.21	ng/ul	96
14) Acetophenone	8.60	105	306639	18.91	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	158685	18.42	ng/ul	95
16) 4-Methylphenol	8.55	108	201603	18.28	ng/ul	98
17) Hexachloroethane	8.85	117	69237	19.40	ng/ul	96
20) Nitrobenzene	8.98	77	229071	20.01	ng/ul	97
21) Isophorone	9.50	82	440307	18.88	ng/ul	100
23) 2-Nitrophenol	9.69	139	107897	19.08	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	246802	19.78	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	249817	19.01	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	202071	19.64	ng/ul	98
28) Naphthalene	10.62	128	597270	19.79	ng/ul	100
30) 4-Chloroaniline	10.73	127	220400	16.57	ng/ul	99
31) Hexachlorobutadiene	10.90	225	144292	20.75	ng/ul	98
32) Caprolactam	11.50	113	69024	16.65	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	243174	19.09	ng/ul	91
34) 2-Methylnaphthalene	12.23	142	475635	19.25	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	287786	17.97	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	141107	14.60	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	187972	16.59	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	211858	17.94	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	657564	17.63	ng/ul	97
41) 2-Chloronaphthalene	13.29	162	513155	17.54	ng/ul	99
42) 2-Nitroaniline	13.50	65	161875	16.94	ng/ul	97
44) Dimethylphthalate	13.87	163	701051	16.96	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	140560	16.63	ng/ul	91
47) Acenaphthylene	14.13	152	840765	16.99	ng/ul	99
48) 3-Nitroaniline	14.33	138	140327	16.27	ng/ul	95
49) Acenaphthene	14.48	153	572935	17.79	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	81900	14.29	ng/ul#	88
52) 4-Nitrophenol	14.64	109	130880	15.70	ng/ul	91
53) Dibenzofuran	14.82	168	845674	17.54	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	220157	17.00	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	205426	16.95	ng/ul	97
56) Diethylphthalate	15.24	149	715610	16.60	ng/ul	99
58) Fluorene	15.46	166	702544	17.70	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	365508	17.61	ng/ul	96
60) 4-Nitroaniline	15.49	138	153321	15.67	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.55	198	134476	17.95	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	621408	19.94	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	253185	20.09	ng/ul	97
66) Hexachlorobenzene	16.47	284	281522	19.95	ng/ul	98
67) Atrazine	16.63	200	256351	19.49	ng/ul	98
68) Pentachlorophenol	16.82	266	164669	18.09	ng/ul	98
69) Phenanthrene	17.20	178	1217990	20.33	ng/ul	99
71) Anthracene	17.29	178	1240844	20.06	ng/ul	98
72) Carbazole	17.57	167	1121014	20.86	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1269279	18.77	ng/ul	99
74) Fluoranthene	19.22	202	1612733	21.45	ng/ul	99
77) Pyrene	19.58	202	1682835	18.78	ng/ul	97
78) Butylbenzylphthalate	20.47	149	660809	17.72	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	606961	18.30	ng/ul	98
80) Benzo(a)anthracene	21.33	228	1879572	19.09	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	965402	17.85	ng/ul	99
82) Chrysene	21.38	228	1800619	20.19	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	1789696	20.31	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	2107230	20.14	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	1918600	19.85	ng/ul	99
88) Benzo(a)pyrene	23.51	252	1991255	19.89	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	2214225	18.03	ng/ul	99
90) Dibenzo(a,h)anthracene	25.90	278	1832161	17.93	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	1851695	17.75	ng/ul	98

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

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