Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061616\
Data File : BM005815.D
Acq On : 15 Jun 2016 15:51
Operator : UM/SJ
Sample : SSTD16045
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y46

Quant Time: Jun 15 16:22:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 15:04:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65796	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	339063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	212680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	514886	20.00	ng/ul	0.01
75) Chrysene-d12	21.33	240	435737	20.00	ng/ul	0.01
83) Perylene-d12	23.58	264	419266	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	79816	143.65	ng/uL	0.00
5) Phenol-d5	6.93	99	961172	163.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	499885	150.27	ng/ul	0.01
9) 2-Chlorophenol-d4	7.28	132	756526	162.23	ng/ul	0.01
13) 4-Methylphenol-d8	8.48	113	811908	157.89	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	405044	166.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	459475	159.99	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	797507	149.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	593637	95.34	ng/ul	0.01
43) Dimethylphthalate-d6	13.81	166	2389693	132.98	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	2735773	127.53	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	378286	145.33	ng/ul	0.04
57) Fluorene-d10	15.39	176	1858349	122.01	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	400265	159.24	ng/ul	0.03
70) Anthracene-d10	17.24	188	2788819	116.99	ng/ul	0.02
76) Pyrene-d10	19.54	212	3006373	134.66	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.44	264	2697623	137.00	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	136271	131.40	ng/uL	99
4) Benzaldehyde	6.89	77	113794	44.30	ng/ul	97
6) Phenol	6.96	94	951313	159.53	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	690051	151.04	ng/ul	99
10) 2-Chlorophenol	7.31	128	749732	160.56	ng/ul	100
11) 2-Methylphenol	8.20	108	758772	158.28	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	883575	147.73	ng/ul	99
14) Acetophenone	8.57	105	1010710	135.31	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	540313	127.94	ng/ul	98
16) 4-Methylphenol	8.55	108	780502	147.73	ng/ul	96
17) Hexachloroethane	8.80	117	280888	146.20	ng/ul	92
20) Nitrobenzene	8.96	77	894018	158.56	ng/ul	99
21) Isophorone	9.49	82	1762164	134.45	ng/ul	100
23) 2-Nitrophenol	9.66	139	464896	153.87	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	881277	139.98	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	1009559	139.56	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	765070	145.72	ng/ul	99
28) Naphthalene	10.59	128	2307196	136.96	ng/ul	100
30) 4-Chloroaniline	10.70	127	612953	96.41	ng/ul	99
31) Hexachlorobutadiene	10.86	225	448304	141.91	ng/ul	99
32) Caprolactam	11.56	113	196310	85.49	ng/ul	91
33) 4-Chloro-3-methylphenol	11.87	107	899321	134.68	ng/ul	96
34) 2-Methylnaphthalene	12.20	142	1657970	127.49	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	912814	142.31 ng/ul	99
37) Hexachlorocyclopentadiene	12.54	237	454386	298.51 ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	645708	142.91 ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	688758	138.86 ng/ul	100
40) 1,1'-Biphenyl	13.22	154	2121854	126.56 ng/ul	98
41) 2-Chloronaphthalene	13.27	162	1720937	133.68 ng/ul	99
42) 2-Nitroaniline	13.49	65	635823	149.96 ng/ul	99
44) Dimethylphthalate	13.86	163	2261472	127.46 ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	553119	146.66 ng/ul	98
47) Acenaphthylene	14.12	152	2620444	121.65 ng/ul	99
48) 3-Nitroaniline	14.33	138	516262	138.37 ng/ul	96
49) Acenaphthene	14.46	153	1757561	124.33 ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	324776	257.11 ng/ul	98
52) 4-Nitrophenol	14.68	109	313725	147.39 ng/ul	93
53) Dibenzofuran	14.80	168	2222926	110.74 ng/ul	93
54) 2,4-Dinitrotoluene	14.79	165	634845	120.91 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.03	232	565445	140.66 ng/ul	99
56) Diethylphthalate	15.23	149	2247852	119.78 ng/ul	99
58) Fluorene	15.45	166	1743840	106.52 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	880003	110.14 ng/ul	96
60) 4-Nitroaniline	15.52	138	592307	165.59 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.57	198	398437	154.16 ng/ul#	96
64) N-Nitrosodiphenylamine	15.66	169	1793141	119.38 ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	678880	125.13 ng/ul	99
66) Hexachlorobenzene	16.45	284	755392	123.20 ng/ul	98
67) Atrazine	16.62	200	675233	122.76 ng/ul	98
68) Pentachlorophenol	16.80	266	270723	118.72 ng/ul	99
69) Phenanthrene	17.19	178	3255450	117.00 ng/ul	98
71) Anthracene	17.28	178	3042693	109.14 ng/ul	98
72) Carbazole	17.56	167	3172446	131.33 ng/ul	97
73) Di-n-butylphthalate	18.10	149	3619311	107.97 ng/ul	99
74) Fluoranthene	19.20	202	3627349	121.19 ng/ul	95
77) Pyrene	19.57	202	3350569	118.94 ng/ul	95
78) Butylbenzylphthalate	20.45	149	1684996	131.74 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.24	252	1142850	154.12 ng/ul	99
80) Benzo(a)anthracene	21.31	228	3450982	135.18 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	2144506	123.17 ng/ul#	99
82) Chrysene	21.37	228	3038704	123.65 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	3890095	127.93 ng/ul	97
85) Benzo(b)fluoranthene	22.91	252	3534800	132.79 ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2962064	119.64 ng/ul	98
88) Benzo(a)pyrene	23.50	252	3074855	128.09 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	3246047	132.93 ng/ul	98
90) Dibenzo(a,h)anthracene	25.90	278	2627534	130.32 ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	2933260	141.79 ng/ul	98

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

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