Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002058.D
Acq On : 27 Jul 2015 13:05
Operator : UM/HP
Sample : SSTD01073
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01073

Quant Time: Jul 27 14:39:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:35:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	86688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	333278	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	188770	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	409554	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	466198	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	458934	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6880	3.86	ng/uL	0.00
5) Phenol-d5	6.77	99	60394	9.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	34897	10.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	52639	8.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	48648	9.63	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	23499	9.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	25757	8.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	50652	8.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	50597	9.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	139210	9.66	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	176010	9.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	21247	9.68	ng/ul	0.00
58) Fluorene-d10	15.26	176	124154	12.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	21647	8.52	ng/ul	0.00
71) Anthracene-d10	17.11	188	185309	10.18	ng/ul	0.00
79) Pyrene-d10	19.41	212	201175	9.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	225785	10.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	7378	4.05	ng/uL	95
4) Benzaldehyde	6.75	77	34301	9.70	ng/ul	92
6) Phenol	6.80	94	62342	9.32	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	48391	9.88	ng/ul	94
10) 2-Chlorophenol	7.16	128	53069	8.93	ng/ul	96
11) 2-Methylphenol	8.05	108	47106	9.51	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	50415	11.35	ng/ul#	91
14) Acetophenone	8.42	105	77183	9.81	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	38475	9.96	ng/ul	97
16) 4-Methylphenol	8.37	108	51144	9.69	ng/ul	92
17) Hexachloroethane	8.66	117	21784	9.61	ng/ul	92
20) Nitrobenzene	8.80	77	56369	9.27	ng/ul	95
21) Isophorone	9.32	82	100160	9.04	ng/ul	96
23) 2-Nitrophenol	9.51	139	28313	8.96	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	57130	9.22	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.80	93	61041	9.10	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	49700	9.07	ng/ul	98
28) Naphthalene	10.43	128	160879	9.81	ng/ul	98
30) 4-Chloroaniline	10.55	127	53168	9.41	ng/ul	97
31) Hexachlorobutadiene	10.71	225	37648	9.41	ng/ul	96
32) Caprolactam	11.30	113	12655	8.31	ng/ul	93
33) 4-Chloro-3-methylphenol	11.69	107	48210	8.87	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	116197	9.21	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	112197	8.83	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	66835	9.56	ng/ul	96
38) Hexachlorocyclopentadiene	12.40	237	31051	7.86	ng/ul	97
39) 2,4,6-Trichlorophenol	12.68	196	38763	8.83	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	41564	8.89	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	147363	9.61	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	115425	9.73	ng/ul	100
43) 2-Nitroaniline	13.34	65	27430	8.96	ng/ul	99
45) Dimethylphthalate	13.72	163	139923	9.63	ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	27299	8.89	ng/ul	95
48) Acenaphthylene	13.98	152	180096	9.73	ng/ul	99
49) 3-Nitroaniline	14.17	138	21766	9.18	ng/ul#	97
50) Acenaphthene	14.32	153	119061	10.13	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	11854	7.25	ng/ul	91
53) 4-Nitrophenol	14.49	109	17596	9.58	ng/ul	96
54) Dibenzofuran	14.66	168	171333	11.34	ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	39476	10.52	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	34369	11.23	ng/ul	97
57) Diethylphthalate	15.09	149	136079	12.12	ng/ul	99
59) Fluorene	15.31	166	139354	11.93	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	75146	12.03	ng/ul	98
61) 4-Nitroaniline	15.34	138	25061	10.16	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.40	198	22990	8.66	ng/ul	95
65) N-Nitrosodiphenylamine	15.53	169	119627	10.28	ng/ul	100
66) 4-Bromophenyl-phenylether	16.20	248	44156	9.89	ng/ul	95
67) Hexachlorobenzene	16.32	284	48577	9.92	ng/ul	99
68) Atrazine	16.48	200	44591	9.80	ng/ul	98
69) Pentachlorophenol	16.66	266	20776	8.34	ng/ul	97
70) Phenanthrene	17.05	178	216482	10.22	ng/ul	99
72) Anthracene	17.14	178	220412	10.22	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	63542	7.53	ng/uL	98
74) Pentachlorobenzene	14.58	250	59849	8.74	ng/uL	97
75) Carbazole	17.42	167	187004	10.11	ng/ul	99
76) Di-n-butylphthalate	17.98	149	220231	10.28	ng/ul	99
77) Fluoranthene	19.07	202	247161	9.90	ng/ul	98
80) Pyrene	19.44	202	262015	10.11	ng/ul	98
81) Butylbenzylphthalate	20.34	149	96694	9.89	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.13	252	73341	9.18	ng/ul	99
83) Benzo(a)anthracene	21.19	228	264695	10.15	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	148604	10.21	ng/ul	99
85) Chrysene	21.24	228	249517	10.32	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	261623	10.22	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	259657	10.18	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	254716	10.39	ng/ul	100
91) Benzo(a)pyrene	23.31	252	251724	10.15	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	288688	9.99	ng/ul	98
93) Dibenzo(a,h)anthracene	25.63	278	248280	10.13	ng/ul	99
94) Benzo(g,h,i)perylene	26.30	276	242679	10.08	ng/ul	98

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

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