Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001247.D
Acq On : 11 May 2015 17:52
Operator : TP/IZ
Sample : SSTD01064
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01064

Quant Time: May 12 06:01:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 05:46:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	166982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	707493	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	402685	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	868703	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	891121	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	824056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.88	96	14212	3.99	ng/uL	0.00
5) Phenol-d5	6.63	99	112912	8.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	75517	8.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	95738	9.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	92603	8.35	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	42133	8.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	45994	8.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	95172	9.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	127205	10.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	258982	9.34	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	372482	9.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	42444	7.24	ng/ul	0.00
57) Fluorene-d10	15.12	176	262518	9.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	40933	7.81	ng/ul	0.00
70) Anthracene-d10	16.97	188	376170	9.39	ng/ul	0.00
76) Pyrene-d10	19.27	212	388343	9.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	343638	9.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.91	88	14971	3.76	ng/uL	90
4) Benzaldehyde	6.59	77	75550	11.04	ng/ul	96
6) Phenol	6.66	94	119863	8.26	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	99796	8.87	ng/ul	99
10) 2-Chlorophenol	7.01	128	100382	9.05	ng/ul	99
11) 2-Methylphenol	7.90	108	90016	8.30	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	187110	8.89	ng/ul	99
14) Acetophenone	8.27	105	156506	8.69	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	77967	8.92	ng/ul	97
16) 4-Methylphenol	8.23	108	99877	8.33	ng/ul	98
17) Hexachloroethane	8.51	117	41436	9.10	ng/ul	99
20) Nitrobenzene	8.65	77	120955	9.17	ng/ul	98
21) Isophorone	9.16	82	197398	8.66	ng/ul	99
23) 2-Nitrophenol	9.35	139	54513	9.35	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	116392	9.13	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	132641	9.00	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	95094	9.25	ng/ul	97
28) Naphthalene	10.27	128	345378	9.34	ng/ul	99
30) 4-Chloroaniline	10.40	127	128046	10.22	ng/ul	99
31) Hexachlorobutadiene	10.57	225	61106	9.68	ng/ul	95
32) Caprolactam	11.13	113	23960	7.28	ng/ul	93
33) 4-Chloro-3-methylphenol	11.54	107	98989	8.85	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	243506	9.42	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	119480	9.66	ng/ul	98
37) Hexachlorocyclopentadiene	12.26	237	59307	8.51	ng/ul	93
38) 2,4,6-Trichlorophenol	12.54	196	70976	9.48	ng/ul	96
39) 2,4,5-Trichlorophenol	12.61	196	77830	9.32	ng/ul	95
40) 1,1'-Biphenyl	12.95	154	325745	9.67	ng/ul	97
41) 2-Chloronaphthalene	12.98	162	251257	9.69	ng/ul	99
42) 2-Nitroaniline	13.20	65	59691	7.97	ng/ul	98
44) Dimethylphthalate	13.59	163	295365	9.36	ng/ul	99
45) 2,6-Dinitrotoluene	13.71	165	52176	8.95	ng/ul	99
47) Acenaphthylene	13.84	152	395442	9.37	ng/ul	99
48) 3-Nitroaniline	14.04	138	52675	8.42	ng/ul	94
49) Acenaphthene	14.19	153	266223	9.43	ng/ul	98
50) 2,4-Dinitrophenol	14.25	184	23264	6.59	ng/ul	97
52) 4-Nitrophenol	14.36	109	36024	7.13	ng/ul	95
53) Dibenzofuran	14.52	168	373422	9.54	ng/ul	100
54) 2,4-Dinitrotoluene	14.50	165	77489	8.76	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.76	232	61368	9.28	ng/ul#	98
56) Diethylphthalate	14.96	149	280104	8.75	ng/ul	98
58) Fluorene	15.17	166	303836	9.23	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.18	204	144323	9.24	ng/ul	98
60) 4-Nitroaniline	15.20	138	50573	7.13	ng/ul#	90
63) 4,6-Dinitro-2-methylphenol	15.27	198	45104	7.97	ng/ul#	99
64) N-Nitrosodiphenylamine	15.40	169	246954	9.44	ng/ul	100
65) 4-Bromophenyl-phenylether	16.07	248	80348	9.59	ng/ul	97
66) Hexachlorobenzene	16.19	284	92807	9.79	ng/ul	97
67) Atrazine	16.35	200	77757	8.44	ng/ul	97
68) Pentachlorophenol	16.53	266	41005	7.66	ng/ul	94
69) Phenanthrene	16.92	178	460789	9.32	ng/ul	98
71) Anthracene	17.00	178	478196	9.49	ng/ul	99
72) Carbazole	17.28	167	406424	8.67	ng/ul	99
73) Di-n-butylphthalate	17.86	149	422540	8.44	ng/ul	99
74) Fluoranthene	18.94	202	492984	8.64	ng/ul	98
77) Pyrene	19.30	202	531118	9.85	ng/ul	100
78) Butylbenzylphthalate	20.23	149	168500	8.51	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.00	252	138150	8.69	ng/ul	98
80) Benzo(a)anthracene	21.06	228	508996	9.66	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.01	149	255164	8.19	ng/ul	99
82) Chrysene	21.12	228	481238	9.60	ng/ul	100
84) Di-n-octyl phthalate	21.86	149	427571	7.73	ng/ul	100
85) Benzo(b)fluoranthene	22.57	252	464383	9.18	ng/ul	99
86) Benzo(k)fluoranthene	22.61	252	467359	9.80	ng/ul	98
88) Benzo(a)pyrene	23.10	252	450427	9.32	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.29	276	483073	8.99	ng/ul	98
90) Dibenzo(a,h)anthracene	25.30	278	404212	9.00	ng/ul	99
91) Benzo(g,h,i)perylene	25.92	276	402851	8.99	ng/ul	99

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

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