Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
Data File : BM002001.D
Acq On : 22 Jul 2015 00:22
Operator : TP/UM
Sample : SSTD08064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08064

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7/22/2015 2:34:31 PM

Quant Time: Jul 22 03:19:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 22 00:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	76643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	332363	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	206433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	457848	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	576015	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	363989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	63008	39.64	ng/uL	0.00
5) Phenol-d5	6.80	99	510120	81.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	260217	75.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	429281	87.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	432365	85.93	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	209242	86.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	244240	91.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	475753	87.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	446533	79.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1322672	80.62	ng/ul	0.01
46) Acenaphthylene-d8	13.98	160	1643714	82.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	280822	101.97	ng/ul	0.02
57) Fluorene-d10	15.29	176	1439905	100.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	336582	117.15	ng/ul	0.01
70) Anthracene-d10	17.14	188	1762210	83.49	ng/ul	0.01
78) Pyrene-d10	19.44	212	1889462	74.74	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.30	264	1564159	85.16	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	65438	38.55	ng/uL	95
4) Benzaldehyde	6.77	77	214613	71.45	ng/ul	94
6) Phenol	6.83	94	524309	81.37	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	381109	80.62	ng/ul	99
10) 2-Chlorophenol	7.19	128	435031	86.53	ng/ul	98
11) 2-Methylphenol	8.07	108	412475	84.93	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	369853	69.22	ng/ul	100
14) Acetophenone	8.45	105	668412	83.96	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	324397	80.75	ng/ul	98
16) 4-Methylphenol	8.42	108	451415	85.04	ng/ul	95
17) Hexachloroethane	8.69	117	164459	82.53	ng/ul	95
20) Nitrobenzene	8.83	77	473441	78.68	ng/ul	98
21) Isophorone	9.36	82	876273	80.41	ng/ul	99
23) 2-Nitrophenol	9.54	139	262161	90.14	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	508665	81.62	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.84	93	530545	77.10	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	457859	86.06	ng/ul	98
28) Naphthalene	10.46	128	1369295	82.68	ng/ul	99
30) 4-Chloroaniline	10.58	127	467816	80.03	ng/ul	99
31) Hexachlorobutadiene	10.74	225	320009	82.78	ng/ul	98
32) Caprolactam	11.39	113	199590m	82.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	471623	81.76	ng/ul	97
34) 2-Methylnaphthalene	12.09	142	1027989	83.21	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	618455	79.42	ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	372624	85.88	ng/ul	99
38) 2,4,6-Trichlorophenol	12.71	196	392204	84.31	ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	427631	86.28	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	1367453	82.01	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	1074424	82.82	ng/ul	99
42) 2-Nitroaniline	13.37	65	275025	78.69	ng/ul	97
44) Dimethylphthalate	13.75	163	1340212	79.74	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	291248	86.10	ng/ul	98
47) Acenaphthylene	14.01	152	1678103	82.53	ng/ul	99
48) 3-Nitroaniline	14.21	138	243328	79.76	ng/ul	95
49) Acenaphthene	14.35	153	1102023	79.90	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	189295	93.59	ng/ul	92
52) 4-Nitrophenol	14.53	109	235891	93.67	ng/ul	99
53) Dibenzofuran	14.69	168	1980863	101.15	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	529992	107.38	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.92	232	464169	105.69	ng/ul	97
56) Diethylphthalate	15.12	149	1685145	101.41	ng/ul	99
58) Fluorene	15.34	166	1718704	103.96	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	921416	102.62	ng/ul	96
60) 4-Nitroaniline	15.39	138	364999	114.13	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.44	198	352841	115.21	ng/ul#	98
64) N-Nitrosodiphenylamine	15.56	169	1456971	106.68	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	438532	84.77	ng/ul	98
66) Hexachlorobenzene	16.34	284	482744	84.39	ng/ul	99
67) Atrazine	16.51	200	416958	80.02	ng/ul	100
68) Pentachlorophenol	16.69	266	300885	87.72	ng/ul	98
69) Phenanthrene	17.08	178	2023310	82.16	ng/ul	99
71) Anthracene	17.17	178	2093626	81.23	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	638471	90.54	ng/uL	100
73) Pentachlorobenzene	14.60	250	709435	102.85	ng/uL	99
74) Carbazole	17.44	167	1823198	84.39	ng/ul	100
75) Di-n-butylphthalate	18.00	149	2207500	88.97	ng/ul	100
76) Fluoranthene	19.10	202	2364707	85.89	ng/ul	99
79) Pyrene	19.47	202	2453199	74.00	ng/ul	99
80) Butylbenzylphthalate	20.37	149	1221118	95.41	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.15	252	844277	77.78	ng/ul	100
82) Benzo(a)anthracene	21.22	228	2826970	82.28	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	1766510	92.36	ng/ul	99
84) Chrysene	21.27	228	2554372	77.21	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	2816633	117.04	ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	1909949	78.05	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	1869552	81.29	ng/ul	99
90) Benzo(a)pyrene	23.35	252	1769579	84.38	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	1881810	83.62	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	1610264	84.48	ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	1545184	83.02	ng/ul	98

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

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