Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
Data File : BM001625.D
Acq On : 10 Jun 2015 10:03
Operator : TP/IZ
Sample : SSTD00579
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00579

Manual Integrations APPROVED
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6/11/2015 4:23:24 PM

Quant Time: Jun 10 12:33:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 10 12:17:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	108575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	406719	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	226416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	505180	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	579200	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	567442	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	4965	2.13	ng/uL	0.00
5) Phenol-d5	6.85	99	36287	4.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	22628	4.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	29932	4.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	28673	4.29	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	12437	4.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	13496	4.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	29553	4.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	24274	4.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	75766	5.02	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	99019	4.59	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.33	176	73048	4.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.19	188	106455	4.65	ng/ul	0.00
76) Pyrene-d10	19.48	212	114128	4.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	111671	4.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	4911	2.04	ng/uL	86
4) Benzaldehyde	6.83	77	26615	4.90	ng/ul	94
6) Phenol	6.87	94	39254	4.38	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.12	93	31336	4.39	ng/ul	94
10) 2-Chlorophenol	7.25	128	31351	4.30	ng/ul	95
11) 2-Methylphenol	8.13	108	27747	4.11	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.23	45	39214	3.08	ng/ul#	89
14) Acetophenone	8.51	105	48219	4.45	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.49	70	22903	4.25	ng/ul	87
16) 4-Methylphenol	8.45	108	30024	4.07	ng/ul	92
17) Hexachloroethane	8.76	117	12326	4.36	ng/ul	89
20) Nitrobenzene	8.89	77	35846	5.05	ng/ul	92
21) Isophorone	9.40	82	57736	4.61	ng/ul#	97
23) 2-Nitrophenol	9.60	139	14762	4.38	ng/ul#	93
24) 2,4-Dimethylphenol	9.66	107	36101	5.08	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	37413	4.53	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	28688	4.81	ng/ul	97
28) Naphthalene	10.53	128	96512	4.58	ng/ul	98
30) 4-Chloroaniline	10.64	127	24552	4.14	ng/ul	97
31) Hexachlorobutadiene	10.81	225	23825	6.65	ng/ul	97
32) Caprolactam	11.38	113	6325	4.00	ng/ul#	69
33) 4-Chloro-3-methylphenol	11.76	107	28637	4.68	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	66480	4.51	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	40049	5.73	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	18743	5.12	ng/ul	93
38) 2,4,6-Trichlorophenol	12.76	196	22392m	5.24	ng/ul	
39) 2,4,5-Trichlorophenol	12.83	196	24538	5.36	ng/ul#	95
40) 1,1'-Biphenyl	13.17	154	88460	4.67	ng/ul	95
41) 2-Chloronaphthalene	13.21	162	67832	4.68	ng/ul	94
44) Dimethylphthalate	13.80	163	83650	4.95	ng/ul#	98
45) 2,6-Dinitrotoluene	13.92	165	14365	4.57	ng/ul	98
47) Acenaphthylene	14.06	152	102289	4.37	ng/ul	98
49) Acenaphthene	14.40	153	71287	4.61	ng/ul	98
53) Dibenzofuran	14.74	168	100935	4.70	ng/ul	93
54) 2,4-Dinitrotoluene	14.71	165	20893	4.48	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.96	232	19843	5.33	ng/ul#	94
56) Diethylphthalate	15.17	149	79027	4.72	ng/ul	99
58) Fluorene	15.39	166	82102	4.64	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.39	204	45232	5.36	ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	68457	4.40	ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	26568	5.42	ng/ul	95
66) Hexachlorobenzene	16.39	284	29600	5.36	ng/ul	95
67) Atrazine	16.55	200	24799	4.97	ng/ul	96
69) Phenanthrene	17.13	178	126192	4.46	ng/ul	98
71) Anthracene	17.22	178	129914	4.51	ng/ul	98
72) Carbazole	17.49	167	109303	4.27	ng/ul	99
73) Di-n-butylphthalate	18.06	149	110132	3.88	ng/ul#	98
74) Fluoranthene	19.14	202	143495	4.70	ng/ul#	88
77) Pyrene	19.51	202	155135	4.22	ng/ul#	86
78) Butylbenzylphthalate	20.42	149	43315	3.20	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.20	252	38762	4.41	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	158510	4.71	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	61103	3.02	ng/ul#	98
82) Chrysene	21.32	228	147824	4.61	ng/ul	97
84) Di-n-octyl phthalate	22.07	149	107729	2.89	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	155330	4.44	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	142574	4.35	ng/ul#	94
88) Benzo(a)pyrene	23.41	252	145163	4.43	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.77	276	169883	4.77	ng/ul#	87
90) Dibenzo(a,h)anthracene	25.78	278	138311	4.61	ng/ul#	91
91) Benzo(g,h,i)perylene	26.46	276	145860	4.84	ng/ul#	88

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

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