Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM042816\
Data File : BM005109.D
Acq On : 28 Apr 2016 11:46
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
sohil
4/29/2016 10:36:28 AM

Quant Time: Apr 29 02:16:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 27 02:34:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	42176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	198049	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	126638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	293885	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	286441	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	233159	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6995	8.43	ng/uL	-0.01
5) Phenol-d5	6.96	99	75236	21.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	42865	21.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.32	132	59098	21.41	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	62921	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	30305	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	35165	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	63442	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	85154	24.99	ng/ul	-0.01
43) Dimethylphthalate-d6	13.84	166	209926	20.99	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	247306	20.76	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.64	143	37566	21.49	ng/ul	0.00
57) Fluorene-d10	15.43	176	178424	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	30969	18.53	ng/ul	0.00
70) Anthracene-d10	17.28	188	278196	21.11	ng/ul	0.00
76) Pyrene-d10	19.57	212	298664	22.90	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.51	264	218299	20.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	12769	8.29	ng/uL	96
4) Benzaldehyde	6.94	77	45976	26.54	ng/ul	99
6) Phenol	6.99	94	78334	21.54	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.22	93	60461	21.68	ng/ul	100
10) 2-Chlorophenol	7.36	128	60389	21.29	ng/ul	98
11) 2-Methylphenol	8.23	108	60744	21.40	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	77824	21.58	ng/ul	100
14) Acetophenone	8.61	105	99138	22.27	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	51237	22.98	ng/ul	100
16) 4-Methylphenol	8.56	108	67672	21.42	ng/ul	96
17) Hexachloroethane	8.86	117	23447	20.76	ng/ul	95
20) Nitrobenzene	8.99	77	72097	21.36	ng/ul	100
21) Isophorone	9.51	82	146749	22.89	ng/ul	98
23) 2-Nitrophenol	9.70	139	37138	22.33	ng/ul	94
24) 2,4-Dimethylphenol	9.76	107	75256	21.01	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	87508	21.97	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	64450	21.57	ng/ul	98
28) Naphthalene	10.63	128	204254	20.45	ng/ul	99
30) 4-Chloroaniline	10.75	127	86245	24.86	ng/ul	98
31) Hexachlorobutadiene	10.91	225	38176	19.36	ng/ul	99
32) Caprolactam	11.51	113	22957m	22.21	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	75682	22.15	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	154462	20.89	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.62	216	79554	20.11	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	40922	17.43	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	55428	22.03	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	59721	21.18	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	207174	20.68	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	157297	20.64	ng/ul	99
42) 2-Nitroaniline	13.51	65	48870	23.65	ng/ul	97
44) Dimethylphthalate	13.89	163	210282	20.96	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	43388	22.40	ng/ul	94
47) Acenaphthylene	14.15	152	263116	20.88	ng/ul	99
48) 3-Nitroaniline	14.34	138	45826	23.25	ng/ul	99
49) Acenaphthene	14.50	153	171795	20.72	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	17775	15.72	ng/ul	98
52) 4-Nitrophenol	14.66	109	31483	20.14	ng/ul	98
53) Dibenzofuran	14.83	168	248522	20.32	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	62770	21.33	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	52118	21.29	ng/ul	99
56) Diethylphthalate	15.26	149	216058	21.34	ng/ul	99
58) Fluorene	15.48	166	198302	20.89	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	98678	20.60	ng/ul	98
60) 4-Nitroaniline	15.51	138	44290	20.84	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	32617	18.53	ng/ul#	94
64) N-Nitrosodiphenylamine	15.69	169	177081	21.92	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	61177	21.33	ng/ul	97
66) Hexachlorobenzene	16.49	284	67012	20.51	ng/ul	98
67) Atrazine	16.64	200	66739	22.42	ng/ul	99
68) Pentachlorophenol	16.83	266	38325	20.34	ng/ul	99
69) Phenanthrene	17.22	178	325917	20.84	ng/ul	99
71) Anthracene	17.31	178	331370	21.02	ng/ul	100
72) Carbazole	17.59	167	297434	22.00	ng/ul	100
73) Di-n-butylphthalate	18.14	149	367344	23.20	ng/ul	100
74) Fluoranthene	19.24	202	372705	21.65	ng/ul	100
77) Pyrene	19.60	202	377443	22.81	ng/ul	100
78) Butylbenzylphthalate	20.50	149	157867	24.81	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	103280	20.16	ng/ul	99
80) Benzo(a)anthracene	21.36	228	340188	20.75	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	206959	23.15	ng/ul	99
82) Chrysene	21.41	228	322944	20.58	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	322620	22.26	ng/ul	98
85) Benzo(b)fluoranthene	22.97	252	290235	20.67	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	288624	21.13	ng/ul	100
88) Benzo(a)pyrene	23.56	252	272396	20.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	279185	22.31	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	235492	22.53	ng/ul	99
91) Benzo(g,h,i)perylene	26.67	276	231791	22.64	ng/ul	99

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

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