Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090816\
Data File : BM007458.D
Acq On : 08 Sep 2016 16:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Manual Integrations APPROVED
Sohil
9/9/2016 8:35:21 AM

Quant Time: Sep 09 02:58:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	238228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1095100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	735756	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1917333	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2574447	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2781628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	41067	8.81	ng/uL	0.00
5) Phenol-d5	6.96	99	438727	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	242627	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	337657	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	379757	19.35	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	177882	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	210449	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	391734	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	495359	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1330103	20.95	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1563023	21.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	247886	20.69	ng/ul	0.00
57) Fluorene-d10	15.42	176	1129971	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	268248	22.25	ng/ul	0.00
70) Anthracene-d10	17.27	188	1891818	21.12	ng/ul	0.00
76) Pyrene-d10	19.56	212	2329591	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2665699	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	42478	8.17	ng/uL	98
4) Benzaldehyde	6.94	77	281126	21.93	ng/ul	99
6) Phenol	6.99	94	457554	19.60	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	330057	20.30	ng/ul	96
10) 2-Chlorophenol	7.36	128	347663	20.41	ng/ul	99
11) 2-Methylphenol	8.23	108	355786	19.50	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.32	45	377815	20.65	ng/ul	98
14) Acetophenone	8.61	105	583968	19.40	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	315028	19.69	ng/ul	96
16) 4-Methylphenol	8.56	108	400414	19.56	ng/ul	99
17) Hexachloroethane	8.86	117	141154	21.31	ng/ul	97
20) Nitrobenzene	8.99	77	444911	21.54	ng/ul	98
21) Isophorone	9.50	82	869592	20.67	ng/ul	100
23) 2-Nitrophenol	9.69	139	221240	21.68	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	478866	21.27	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	502382	21.19	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	385438	20.76	ng/ul	98
28) Naphthalene	10.62	128	1147506	21.07	ng/ul	100
30) 4-Chloroaniline	10.74	127	512811	21.37	ng/ul	98
31) Hexachlorobutadiene	10.90	225	270322	21.55	ng/ul	98
32) Caprolactam	11.50	113	148778m	19.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	465993	20.28	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	914302	20.51	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	529671	21.62	ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	286408	19.38	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	372607	21.50	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	385750	21.35	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	1220873	21.40	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	950616	21.25	ng/ul	99
42) 2-Nitroaniline	13.50	65	321697	22.02	ng/ul	98
44) Dimethylphthalate	13.88	163	1300218	20.57	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	282349	21.85	ng/ul	93
47) Acenaphthylene	14.14	152	1601898	21.16	ng/ul	99
48) 3-Nitroaniline	14.33	138	290067	21.99	ng/ul	97
49) Acenaphthene	14.49	153	1041674	21.15	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	182277	20.80	ng/ul#	86
52) 4-Nitrophenol	14.65	109	252219	19.79	ng/ul	94
53) Dibenzofuran	14.82	168	1538075	20.86	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	422527	21.33	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	388004	20.94	ng/ul#	95
56) Diethylphthalate	15.24	149	1352308	20.51	ng/ul	100
58) Fluorene	15.47	166	1258137	20.72	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	652338	20.55	ng/ul	97
60) 4-Nitroaniline	15.50	138	312896	20.90	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	279784	21.74	ng/ul	97
64) N-Nitrosodiphenylamine	15.68	169	1144383	21.38	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	463776	21.42	ng/ul	97
66) Hexachlorobenzene	16.47	284	508824	20.99	ng/ul	97
67) Atrazine	16.63	200	486808	21.54	ng/ul	100
68) Pentachlorophenol	16.82	266	323847	20.70	ng/ul	99
69) Phenanthrene	17.21	178	2150706	20.90	ng/ul	99
71) Anthracene	17.30	178	2251525	21.19	ng/ul	100
72) Carbazole	17.57	167	1998551	21.64	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2470741	21.26	ng/ul	100
74) Fluoranthene	19.23	202	2849147	22.06	ng/ul	100
77) Pyrene	19.59	202	2971830	21.52	ng/ul	99
78) Butylbenzylphthalate	20.49	149	1273965	22.17	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	1138733	22.28	ng/ul	98
80) Benzo(a)anthracene	21.33	228	3176968	20.93	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1809936	21.71	ng/ul	99
82) Chrysene	21.39	228	2902175	21.11	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3268977	23.59	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	3376783	20.53	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	3342943	21.99	ng/ul	99
88) Benzo(a)pyrene	23.52	252	3290617	20.91	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	3750808	19.42	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	3146743	19.59	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	3105930	18.94	ng/ul	98

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

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