Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103173.D
Acq On : 22 Feb 2018 20:08
Operator : SJ/JU
Sample : J1396-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
HD-01-022118MSD

Manual Integrations APPROVED
Sohil
2/23/2018 10:20:49 AM

Quant Time: Feb 23 04:12:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	427115	40.00	ng		0.00
21) Naphthalene-d8	8.16	136	1785421	40.00	ng		0.00
38) Acenaphthene-d10	9.92	164	754541	40.00	ng		0.00
63) Phenanthrene-d10	11.40	188	1094348	40.00	ng		0.00
75) Chrysene-d12	14.06	240	696537	40.00	ng		0.00
86) Perylene-d12	15.55	264	689884	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1148806	81.36	ng		0.03
7) Phenol-d6	6.52	99	1283548	74.29	ng		0.01
23) Nitrobenzene-d5	7.44	82	996957	63.78	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	258924	81.08	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1501033	56.74	ng		0.00
78) Terphenyl-d14	12.99	244	1003376	69.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	212675	28.517	ng		89
3) Pyridine	3.56	79	473489	23.782	ng		95
4) n-Nitrosodimethylamine	3.51	42	282603	35.195	ng		97
6) Aniline	6.54	93	164975	6.616	ng	#	85
8) 2-Chlorophenol	6.66	128	496380	33.840	ng		94
9) Benzaldehyde	6.43	77	312324	24.141	ng		99
10) Phenol	6.53	94	535210	26.683	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	523256	34.371	ng		92
12) 1,3-Dichlorobenzene	6.82	146	530006	31.618	ng		99
13) 1,4-Dichlorobenzene	6.89	146	525957	31.296	ng		98
14) 1,2-Dichlorobenzene	7.05	146	493740	31.861	ng		99
15) Benzyl Alcohol	7.02	79	423342	32.515	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	862117	32.978	ng		96
17) 2-Methylphenol	7.13	107	428966	32.180	ng		98
18) Hexachloroethane	7.38	117	178707	29.210	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	342691	31.868	ng		98
20) 3+4-Methylphenols	7.28	107	483628	29.763	ng	#	60
22) Acetophenone	7.28	105	671420	32.222	ng	#	89
24) Nitrobenzene	7.46	77	573135	33.301	ng		97
25) Isophorone	7.70	82	1056009	34.300	ng		100
26) 2-Nitrophenol	7.77	139	279461	34.492	ng		97
27) 2,4-Dimethylphenol	7.81	122	480366	38.788	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	660974	36.516	ng		99
29) 2,4-Dichlorophenol	8.02	162	420849	35.494	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	414715	32.845	ng		99
31) Naphthalene	8.18	128	1415390	32.385	ng		99
32) Benzoic acid	7.94	122	244939	36.646	ng		97
33) 4-Chloroaniline	8.23	127	74196	3.934	ng		97
34) Hexachlorobutadiene	8.29	225	210008	31.940	ng		99
35) Caprolactam	8.60	113	111563m	26.772	ng		
36) 4-Chloro-3-methylphenol	8.72	107	461269	34.491	ng		99
37) 2-Methylnaphthalene	8.87	142	948181	33.569	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	360979	35.000	ng		99
40) Hexachlorocyclopentadiene	9.02	237	69872	34.849	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	259846	37.442	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	264359	33.120	ng		95
45) 1,1'-Biphenyl	9.33	154	1070978	33.877	ng		99
46) 2-Chloronaphthalene	9.36	162	849560	33.968	ng		98
47) 2-Nitroaniline	9.46	65	327623	35.364	ng		94
48) Acenaphthylene	9.78	152	1251971	32.535	ng		99
49) Dimethylphthalate	9.63	163	1051827	34.754	ng		100
50) 2,6-Dinitrotoluene	9.70	165	219493	34.559	ng		97
51) Acenaphthene	9.95	154	717269	31.965	ng		99
52) 3-Nitroaniline	9.87	138	85356	10.593	ng		97
53) 2,4-Dinitrophenol	9.99	184	59441	42.036	ng	#	20
54) Dibenzofuran	10.12	168	1071431	34.784	ng		97
55) 4-Nitrophenol	10.04	139	273072	54.679	ng		91
56) 2,4-Dinitrotoluene	10.11	165	270674	33.697	ng		97
57) Fluorene	10.46	166	803912	30.637	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	183619	34.245	ng		99
59) Diethylphthalate	10.33	149	988433	34.147	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	365996	32.892	ng		100
61) 4-Nitroaniline	10.49	138	221956	27.577	ng		94
62) Azobenzene	10.62	77	964637	32.740	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	44742	21.945	ng		90
65) n-Nitrosodiphenylamine	10.57	169	744002	39.052	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	218791	38.385	ng		92
67) Hexachlorobenzene	11.02	284	221900	35.867	ng		92
68) Atrazine	11.10	200	207289	36.199	ng		98
69) Pentachlorophenol	11.21	266	181393	60.639	ng		96
70) Phenanthrene	11.43	178	1009996	33.541	ng		99
71) Anthracene	11.48	178	1055199	34.172	ng		100
72) Carbazole	11.63	167	975457	31.722	ng		99
73) Di-n-butylphthalate	11.96	149	1359662	35.337	ng		99
74) Fluoranthene	12.62	202	896719	29.634	ng		99
76) Benzidine	12.74	184	191122	14.679	ng		96
77) Pyrene	12.85	202	889796	32.770	ng		100
79) Butylbenzylphthalate	13.46	149	471225	32.847	ng		99
80) Benzo(a)anthracene	14.04	228	758107	33.549	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	195042	24.186	ng		96
82) Chrysene	14.08	228	736061	33.547	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	636913	32.899	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1080471	34.543	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	617931	35.574	ng		98
87) Benzo(b)fluoranthene	15.11	252	721559	31.815	ng		97
88) Benzo(k)fluoranthene	15.14	252	731635	34.258	ng		98
89) Benzo(a)pyrene	15.49	252	674538	33.306	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	517624	33.076	ng		100
91) Benzo(g,h,i)perylene	17.52	276	500694	32.736	ng		99

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

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