Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102933.D
Acq On : 12 Feb 2018 21:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/13/2018 11:26:02 AM

Quant Time: Feb 13 02:08:21 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	180869	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	733774	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	297336	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	410945	20.00	ng		0.00
75) Chrysene-d12	14.06	240	289839	20.00	ng		0.00
86) Perylene-d12	15.54	264	261100	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	923167	77.51	ng		0.00
7) Phenol-d6	6.52	99	1088078	75.88	ng		0.01
23) Nitrobenzene-d5	7.45	82	990853	93.67	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	165757	69.26	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1464804	81.75	ng		0.00
78) Terphenyl-d14	13.00	244	898972	73.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	248979	42.325	ng		90
3) Pyridine	3.43	79	647964	39.869	ng		91
4) n-Nitrosodimethylamine	3.38	42	283738	40.804	ng		92
6) Aniline	6.55	93	801084	37.828	ng		96
8) 2-Chlorophenol	6.67	128	475815	38.807	ng		99
9) Benzaldehyde	6.44	77	380469	35.727	ng		99
10) Phenol	6.53	94	640689	41.690	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	500737	39.157	ng		91
12) 1,3-Dichlorobenzene	6.83	146	538382	37.918	ng		99
13) 1,4-Dichlorobenzene	6.90	146	533397	37.712	ng		100
14) 1,2-Dichlorobenzene	7.06	146	493846	37.487	ng		99
15) Benzyl Alcohol	7.03	79	429654	38.971	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	875799	36.052	ng		99
17) 2-Methylphenol	7.13	107	427027	37.757	ng		98
18) Hexachloroethane	7.40	117	172821	35.632	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	343911	36.374	ng		94
20) 3+4-Methylphenols	7.29	107	492982	35.347	ng	#	69
22) Acetophenone	7.30	105	648116	36.094	ng	#	95
24) Nitrobenzene	7.47	77	549725	44.181	ng		95
25) Isophorone	7.70	82	924085	37.940	ng		96
26) 2-Nitrophenol	7.79	139	236061	46.509	ng		98
27) 2,4-Dimethylphenol	7.82	122	372543	36.204	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	570325	39.528	ng		99
29) 2,4-Dichlorophenol	8.03	162	358076	38.279	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	398932	37.698	ng		99
31) Naphthalene	8.19	128	1342597	37.450	ng		99
32) Benzoic acid	7.92	122	163620m	28.547	ng		
33) 4-Chloroaniline	8.24	127	569831	36.896	ng		98
34) Hexachlorobutadiene	8.30	225	207453	38.256	ng		98
35) Caprolactam	8.61	113	104067	32.034	ng	#	74
36) 4-Chloro-3-methylphenol	8.72	107	388039	36.920	ng		99
37) 2-Methylnaphthalene	8.88	142	841572	35.854	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	332417	41.060	ng		97
40) Hexachlorocyclopentadiene	9.03	237	23152	6.016	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	217386	40.880	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	236702	39.493	ng		98
45) 1,1'-Biphenyl	9.35	154	1004904	40.126	ng		99
46) 2-Chloronaphthalene	9.37	162	785220	39.826	ng		99
47) 2-Nitroaniline	9.47	65	294026	48.304	ng		87
48) Acenaphthylene	9.79	152	1166488	38.092	ng		99
49) Dimethylphthalate	9.65	163	945393	40.778	ng		100
50) 2,6-Dinitrotoluene	9.71	165	192380	43.616	ng		93
51) Acenaphthene	9.96	154	669987	36.585	ng		100
52) 3-Nitroaniline	9.88	138	233201	42.969	ng		98
53) 2,4-Dinitrophenol	9.99	184	5689	14.716	ng	#	26
54) Dibenzofuran	10.13	168	955110	37.008	ng		98
55) 4-Nitrophenol	10.03	139	121493	29.894	ng		92
56) 2,4-Dinitrotoluene	10.11	165	232842	39.915	ng	#	90
57) Fluorene	10.47	166	707865	37.697	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	137302	33.053	ng		95
59) Diethylphthalate	10.34	149	892990	39.009	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	326977	39.363	ng		96
61) 4-Nitroaniline	10.49	138	198297	38.386	ng		97
62) Azobenzene	10.63	77	869333	38.013	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	18547	18.521	ng		96
65) n-Nitrosodiphenylamine	10.58	169	640545	44.190	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	192427	44.266	ng		94
67) Hexachlorobenzene	11.02	284	189240	39.461	ng		96
68) Atrazine	11.11	200	183103	42.819	ng		99
69) Pentachlorophenol	11.22	266	77909	27.675	ng		97
70) Phenanthrene	11.44	178	874151	38.194	ng		99
71) Anthracene	11.49	178	881552	37.870	ng		99
72) Carbazole	11.65	167	827047	36.265	ng		99
73) Di-n-butylphthalate	11.97	149	1222472	44.129	ng		99
74) Fluoranthene	12.63	202	784323	34.061	ng		99
76) Benzidine	12.75	184	582884	43.757	ng		99
77) Pyrene	12.86	202	804907	35.415	ng		100
79) Butylbenzylphthalate	13.47	149	440193	40.651	ng		99
80) Benzo(a)anthracene	14.04	228	726924	39.879	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	282068	41.735	ng		98
82) Chrysene	14.09	228	706639	38.457	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	629653	45.224	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1029531	49.247	ng		97
85) Indeno(1,2,3-cd)pyrene	17.04	276	548033	35.961	ng		97
87) Benzo(b)fluoranthene	15.10	252	667636	39.440	ng		98
88) Benzo(k)fluoranthene	15.13	252	685487	42.380	ng		99
89) Benzo(a)pyrene	15.48	252	596311	39.135	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	469022	37.923	ng		98
91) Benzo(g,h,i)perylene	17.50	276	442035	36.516	ng		98

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

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