Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_F\Data\BF021618\
Data File : BF103053.D
Acq On : 16 Feb 2018 15:40
Operator : SJ/JU
Sample : J1558-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-155MSD

Manual Integrations APPROVED
Sohil
2/27/2018 2:32:22 PM

Quant Time: Feb 16 16:40:53 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180204	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	727445	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	298555	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	439996	20.00	ng		0.00
75) Chrysene-d12	14.05	240	296219	20.00	ng		0.00
86) Perylene-d12	15.53	264	276728	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1476566	124.44	ng		0.02
7) Phenol-d6	6.52	99	1768699	123.79	ng		0.01
23) Nitrobenzene-d5	7.45	82	1138396	108.56	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	295574	123.00	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1569715	87.24	ng		0.00
78) Terphenyl-d14	12.99	244	1135655	90.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	243764	41.592	ng		89
3) Pyridine	3.49	79	688318	42.508	ng		91
4) n-Nitrosodimethylamine	3.45	42	346317	49.987	ng		100
6) Aniline	6.55	93	669685	31.740	ng		94
8) 2-Chlorophenol	6.67	128	572548	46.868	ng		95
9) Benzaldehyde	6.43	77	130953	12.342	ng		97
10) Phenol	6.53	94	715926	46.757	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	586936	46.067	ng		92
12) 1,3-Dichlorobenzene	6.82	146	603657	42.672	ng		99
13) 1,4-Dichlorobenzene	6.90	146	606501	43.039	ng		98
14) 1,2-Dichlorobenzene	7.05	146	549846	41.892	ng		99
15) Benzyl Alcohol	7.02	79	498121	45.348	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	997571	41.217	ng		99
17) 2-Methylphenol	7.13	107	502153	44.564	ng		99
18) Hexachloroethane	7.39	117	202067	41.816	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	380198	40.361	ng		97
20) 3+4-Methylphenols	7.29	107	554058	39.872	ng	#	76
22) Acetophenone	7.29	105	740092	41.575	ng	#	91
24) Nitrobenzene	7.47	77	623814	50.582	ng		95
25) Isophorone	7.70	82	1148842	47.578	ng		99
26) 2-Nitrophenol	7.78	139	303650	57.768	ng		98
27) 2,4-Dimethylphenol	7.82	122	506754	49.675	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	722378	50.501	ng		100
29) 2,4-Dichlorophenol	8.02	162	459008	49.496	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	452794	43.160	ng		99
31) Naphthalene	8.19	128	1551015	43.640	ng		99
32) Benzoic acid	7.89	122	38619	13.621	ng		98
33) 4-Chloroaniline	8.23	127	331350	21.641	ng		99
34) Hexachlorobutadiene	8.30	225	223906	41.650	ng		99
35) Caprolactam	8.60	113	155537m	48.294	ng		
36) 4-Chloro-3-methylphenol	8.72	107	496685	47.668	ng		95
37) 2-Methylnaphthalene	8.87	142	1000428	42.993	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	376663	46.335	ng		97
40) Hexachlorocyclopentadiene	9.02	237	86995	22.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	277421	51.957	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	288973	48.018	ng		99
45) 1,1'-Biphenyl	9.34	154	1108850	44.096	ng		100
46) 2-Chloronaphthalene	9.37	162	878155	44.358	ng		98
47) 2-Nitroaniline	9.46	65	342858	55.537	ng		93
48) Acenaphthylene	9.78	152	1278473	41.579	ng		98
49) Dimethylphthalate	9.64	163	1180891	50.728	ng		100
50) 2,6-Dinitrotoluene	9.70	165	227328	51.329	ng		96
51) Acenaphthene	9.95	154	744377	40.481	ng		98
52) 3-Nitroaniline	9.87	138	225621	41.402	ng		98
53) 2,4-Dinitrophenol	9.98	184	19127	27.144	ng	#	19
54) Dibenzofuran	10.13	168	1112217	42.919	ng		98
55) 4-Nitrophenol	10.04	139	359548	80.272	ng		91
56) 2,4-Dinitrotoluene	10.11	165	282100	47.526	ng		98
57) Fluorene	10.47	166	817794	43.374	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199560	47.844	ng		99
59) Diethylphthalate	10.33	149	987234	42.950	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	375555	45.027	ng		98
61) 4-Nitroaniline	10.49	138	236304	45.556	ng		88
62) Azobenzene	10.62	77	950141	41.377	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	28947	22.776	ng		95
65) n-Nitrosodiphenylamine	10.57	169	759743	48.953	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	223328	47.983	ng		97
67) Hexachlorobenzene	11.02	284	228894	44.579	ng		97
68) Atrazine	11.10	200	217633	47.533	ng		99
69) Pentachlorophenol	11.21	266	203792	67.613	ng		99
70) Phenanthrene	11.43	178	1042555	42.545	ng		99
71) Anthracene	11.49	178	1080623	43.357	ng		99
72) Carbazole	11.64	167	1036366	42.444	ng		99
73) Di-n-butylphthalate	11.96	149	1352494	45.599	ng		100
74) Fluoranthene	12.62	202	976184	39.594	ng		98
76) Benzidine	12.74	184	649460	47.704	ng		98
77) Pyrene	12.85	202	994145	42.799	ng		100
79) Butylbenzylphthalate	13.46	149	537995	48.412	ng		98
80) Benzo(a)anthracene	14.04	228	849169	45.582	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	336722	48.748	ng		99
82) Chrysene	14.08	228	817563	43.535	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	744886	52.349	ng		99
84) Di-n-octyl phthalate	14.63	149	1265498	59.230	ng		100
85) Indeno(1,2,3-cd)pyrene	17.05	276	717257	46.051	ng		98
87) Benzo(b)fluoranthene	15.10	252	798109	44.484	ng		98
88) Benzo(k)fluoranthene	15.13	252	772261	45.049	ng		99
89) Benzo(a)pyrene	15.47	252	729888	45.196	ng	#	96
90) Dibenzo(a,h)anthracene	17.06	278	599735	45.754	ng		100
91) Benzo(g,h,i)perylene	17.51	276	597721	46.588	ng		97

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

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