Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
Data File : BF103026.D
Acq On : 15 Feb 2018 19:10
Operator : SJ/JU
Sample : J1540-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-3-LINE-NW@3MSD

Manual Integrations APPROVED
Sohil
2/16/2018 2:31:21 PM

Quant Time: Feb 16 01:02:44 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	178478	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	731113	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	309682	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	382484	20.00	ng		0.01
75) Chrysene-d12	14.10	240	151600	20.00	ng		0.05
86) Perylene-d12	15.59	264	200917	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1358705	115.61	ng		0.02
7) Phenol-d6	6.52	99	1652439	116.78	ng		0.01
23) Nitrobenzene-d5	7.45	82	1029129	97.65	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	260061	104.33	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1549968	83.05	ng		0.00
78) Terphenyl-d14	13.01	244	970363	151.56	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	197888	34.091	ng		88
3) Pyridine	3.48	79	549066	34.236	ng		94
4) n-Nitrosodimethylamine	3.42	42	271289	39.536	ng		98
6) Aniline	6.55	93	382249	18.292	ng	#	89
8) 2-Chlorophenol	6.67	128	466794	38.581	ng		93
9) Benzaldehyde	6.43	77	111383	10.599	ng		99
10) Phenol	6.53	94	695099	45.836	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	482534	38.239	ng		92
12) 1,3-Dichlorobenzene	6.82	146	506064	36.119	ng		99
13) 1,4-Dichlorobenzene	6.90	146	506751	36.308	ng		99
14) 1,2-Dichlorobenzene	7.05	146	460401	35.416	ng		99
15) Benzyl Alcohol	7.02	79	413834	38.039	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	828236	34.551	ng		99
17) 2-Methylphenol	7.13	107	413633	37.063	ng		98
18) Hexachloroethane	7.39	117	147359	30.790	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	314854	33.747	ng		96
20) 3+4-Methylphenols	7.29	107	472329	34.320	ng	#	71
22) Acetophenone	7.29	105	624178	34.888	ng	#	92
24) Nitrobenzene	7.47	77	501544	40.449	ng		97
25) Isophorone	7.70	82	932976	38.444	ng		99
26) 2-Nitrophenol	7.78	139	131193	29.774	ng		94
27) 2,4-Dimethylphenol	7.82	122	407855	39.780	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	590465	41.072	ng		99
29) 2,4-Dichlorophenol	8.02	162	376159	40.358	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	381259	36.159	ng		99
31) Naphthalene	8.19	128	1745972	48.879	ng		99
32) Benzoic acid	7.92	122	154563	27.585	ng		96
33) 4-Chloroaniline	8.23	127	207999	13.517	ng		98
34) Hexachlorobutadiene	8.30	225	193712	35.852	ng		98
35) Caprolactam	8.61	113	132507	40.937	ng	#	74
36) 4-Chloro-3-methylphenol	8.72	107	411663	39.310	ng		96
37) 2-Methylnaphthalene	8.88	142	1048811	44.846	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	330528	39.199	ng		98
40) Hexachlorocyclopentadiene	9.02	237	15165	3.783	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	228775	41.307	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	237108	37.984	ng		99
45) 1,1'-Biphenyl	9.34	154	1038668	39.821	ng		99
46) 2-Chloronaphthalene	9.37	162	756563	36.843	ng		99
47) 2-Nitroaniline	9.47	65	321976	50.609	ng		97
48) Acenaphthylene	9.79	152	1186044	37.187	ng		99
49) Dimethylphthalate	9.64	163	1018122	42.164	ng		99
50) 2,6-Dinitrotoluene	9.70	165	138332	30.112	ng	#	89
51) Acenaphthene	9.96	154	1612587	84.545	ng		99
52) 3-Nitroaniline	9.88	138	251146	44.430	ng		97
53) 2,4-Dinitrophenol	10.00	184	3716	12.335	ng	#	1
54) Dibenzofuran	10.13	168	1861552	69.254	ng		97
55) 4-Nitrophenol	10.05	139	287145	62.730	ng		92
56) 2,4-Dinitrotoluene	10.12	165	143696	24.904	ng	#	85
57) Fluorene	10.48	166	1864627	95.342	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	159264	36.811	ng	#	98
59) Diethylphthalate	10.34	149	830511	34.833	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	308134	35.616	ng		97
61) 4-Nitroaniline	10.50	138	243230	45.206	ng		86
62) Azobenzene	10.62	77	756865	31.776	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.54	198	4168	11.200	ng	#	1
65) n-Nitrosodiphenylamine	10.58	169	655744	48.605	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	194317	48.027	ng		93
67) Hexachlorobenzene	11.03	284	192790	43.193	ng		96
68) Atrazine	11.12	200	161197	40.501	ng		98
69) Pentachlorophenol	11.24	266	157694	60.185	ng		99
70) Phenanthrene	11.48	178	7226570	339.246	ng		99
71) Anthracene	11.52	178	3371744	155.624	ng		98
72) Carbazole	11.66	167	2318845	109.246	ng		97
73) Di-n-butylphthalate	11.97	149	1166379	45.237	ng		99
74) Fluoranthene	12.66	202	7039963	328.476	ng		99
76) Benzidine	12.77	184	74345	10.670	ng	#	91
77) Pyrene	12.91	202	5978490	502.909	ng		97
79) Butylbenzylphthalate	13.47	149	401659	70.152	ng		97
80) Benzo(a)anthracene	14.09	228	4180637	438.488	ng		97
81) 3,3'-Dichlorobenzidine	14.04	252	125392	35.471	ng	#	98
82) Chrysene	14.13	228	2695353	280.445	ng		96
83) Bis(2-ethylhexyl)phthalate	14.03	149	517210	71.022	ng		99
84) Di-n-octyl phthalate	14.64	149	779773	71.312	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.16	276	2443059	306.488	ng		93
87) Benzo(b)fluoranthene	15.17	252	4277217m	328.355	ng		
88) Benzo(k)fluoranthene	15.19	252	964484m	77.491	ng		
89) Benzo(a)pyrene	15.56	252	2884453	246.005	ng		96
90) Dibenzo(a,h)anthracene	17.15	278	856166	89.962	ng		94
91) Benzo(g,h,i)perylene	17.62	276	2250193	241.564	ng		97

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

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