Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103562.D
Acq On : 9 Mar 2018 17:33
Operator : SJ/JU
Sample : J1855-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6-COMPMSD

Manual Integrations APPROVED
Sohil
3/12/2018 3:50:24 PM

Quant Time: Mar 09 19:04:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134131	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	561999	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	226781	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	327726	20.00	ng		0.00
75) Chrysene-d12	14.06	240	207486	20.00	ng		0.00
86) Perylene-d12	15.57	264	183744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	937933	105.76	ng		0.01
7) Phenol-d6	6.51	99	1101010	101.46	ng		0.00
23) Nitrobenzene-d5	7.44	82	727350	73.91	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	153319	79.87	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	981052	71.79	ng		0.00
78) Terphenyl-d14	12.99	244	632031	73.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	132226	28.229	ng		92
3) Pyridine	3.51	79	294026m	23.513	ng		
4) n-Nitrosodimethylamine	3.43	42	202914m	40.234	ng		
6) Aniline	6.54	93	250130	15.971	ng	#	67
8) 2-Chlorophenol	6.66	128	334772	36.337	ng		91
9) Benzaldehyde	6.43	77	195646	27.014	ng		98
10) Phenol	6.52	94	426228	33.833	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	347897	36.385	ng		92
12) 1,3-Dichlorobenzene	6.80	146	338977	32.196	ng	#	96
13) 1,4-Dichlorobenzene	6.88	146	362349	34.328	ng		99
14) 1,2-Dichlorobenzene	7.03	146	316110	32.478	ng		100
15) Benzyl Alcohol	7.02	79	267698	32.736	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	538490	32.796	ng	#	48
17) 2-Methylphenol	7.13	107	278991	33.322	ng	#	82
18) Hexachloroethane	7.37	117	100050	26.037	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	256193	37.932	ng		91
20) 3+4-Methylphenols	7.29	107	386755	37.895	ng	#	88
22) Acetophenone	7.28	105	492522	37.546	ng	#	93
24) Nitrobenzene	7.46	77	390882	36.076	ng		96
25) Isophorone	7.69	82	717491	37.019	ng		95
26) 2-Nitrophenol	7.77	139	154115	30.215	ng		96
27) 2,4-Dimethylphenol	7.80	122	308531	39.573	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	443059	38.881	ng		99
29) 2,4-Dichlorophenol	8.03	162	282403	37.833	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	254218	31.982	ng		100
31) Naphthalene	8.17	128	952646	34.624	ng		99
32) Benzoic acid	7.93	122	49101	14.180	ng		95
33) 4-Chloroaniline	8.24	127	159756	13.455	ng		94
34) Hexachlorobutadiene	8.27	225	126530	30.568	ng		98
35) Caprolactam	8.60	113	83948	31.999	ng	#	81
36) 4-Chloro-3-methylphenol	8.72	107	310889	36.926	ng		97
37) 2-Methylnaphthalene	8.86	142	587347	33.030	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	214904	34.663	ng		98
40) Hexachlorocyclopentadiene	9.00	237	1112	9.334	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	150991	36.195	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	147790	30.802	ng	#	91
45) 1,1'-Biphenyl	9.33	154	658727	34.664	ng		99
46) 2-Chloronaphthalene	9.36	162	518205	34.469	ng		99
47) 2-Nitroaniline	9.46	65	226374	40.650	ng	#	81
48) Acenaphthylene	9.77	152	767646	33.186	ng		99
49) Dimethylphthalate	9.62	163	616958	33.912	ng		100
50) 2,6-Dinitrotoluene	9.70	165	121403	31.799	ng	#	65
51) Acenaphthene	9.94	154	437850	32.462	ng		99
52) 3-Nitroaniline	9.88	138	139868	28.876	ng		99
54) Dibenzofuran	10.12	168	632227	34.145	ng		95
55) 4-Nitrophenol	10.07	139	114472	38.132	ng		87
56) 2,4-Dinitrotoluene	10.12	165	141563	29.318	ng	#	58
57) Fluorene	10.46	166	499832	31.689	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	102133	31.687	ng	#	95
59) Diethylphthalate	10.32	149	608568	34.975	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	227746	34.049	ng		98
61) 4-Nitroaniline	10.50	138	146082	30.195	ng		95
62) Azobenzene	10.61	77	634862	35.845	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	3332	6.444	ng	#	56
65) n-Nitrosodiphenylamine	10.57	169	450220	39.455	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	123242	36.100	ng		95
67) Hexachlorobenzene	11.02	284	116507	31.442	ng		98
68) Atrazine	11.09	200	128299	37.407	ng		98
69) Pentachlorophenol	11.22	266	73592	41.075	ng		98
70) Phenanthrene	11.43	178	599285	33.228	ng		99
71) Anthracene	11.48	178	639067	34.554	ng		100
72) Carbazole	11.65	167	614237	33.351	ng		99
73) Di-n-butylphthalate	11.95	149	1242237	53.903	ng		99
74) Fluoranthene	12.62	202	543016	29.961	ng		98
76) Benzidine	12.75	184	164522	21.210	ng		96
77) Pyrene	12.86	202	535560	33.107	ng		99
79) Butylbenzylphthalate	13.45	149	293943	34.392	ng		92
80) Benzo(a)anthracene	14.05	228	453136	33.659	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	146699	30.534	ng		99
82) Chrysene	14.09	228	452793	34.639	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	394792	34.229	ng	#	98
84) Di-n-octyl phthalate	14.62	149	693856	37.234	ng		95
85) Indeno(1,2,3-cd)pyrene	17.12	276	316734	30.607	ng		97
87) Benzo(b)fluoranthene	15.13	252	403867	33.430	ng		99
88) Benzo(k)fluoranthene	15.15	252	387325	34.047	ng		99
89) Benzo(a)pyrene	15.51	252	363230	33.669	ng		95
90) Dibenzo(a,h)anthracene	17.12	278	273216	32.774	ng		98
91) Benzo(g,h,i)perylene	17.59	276	251115	30.821	ng		97

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

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