Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103718.D
Acq On : 17 Mar 2018 1:07
Operator : JU/SJ
Sample : J1945-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Manual Integrations APPROVED
Sohil
3/19/2018 2:02:49 PM

Quant Time: Mar 17 04:09:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164304	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	664876	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	285544	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	431938	20.00	ng		0.00
75) Chrysene-d12	14.16	240	294435	20.00	ng		0.00
86) Perylene-d12	15.69	264	246985	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1335850	123.66	ng		0.02
7) Phenol-d6	6.60	99	1663902	125.90	ng		0.01
23) Nitrobenzene-d5	7.54	82	981300	102.92	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	308350	125.59	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1467520	81.98	ng		0.00
78) Terphenyl-d14	13.09	244	1105010	87.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	182768	34.361	ng		93
3) Pyridine	3.65	79	509704	34.839	ng		89
4) n-Nitrosodimethylamine	3.61	42	223498	41.431	ng	#	86
6) Aniline	6.63	93	357234	18.930	ng		99
8) 2-Chlorophenol	6.76	128	458540	40.521	ng		98
9) Benzaldehyde	6.52	77	184740	21.277	ng		99
10) Phenol	6.61	94	595623	42.413	ng		100
11) bis(2-Chloroethyl)ether	6.71	93	454785	39.229	ng		94
12) 1,3-Dichlorobenzene	6.92	146	470024	36.469	ng		99
13) 1,4-Dichlorobenzene	6.99	146	476194	36.768	ng		98
14) 1,2-Dichlorobenzene	7.15	146	439496	36.570	ng		99
15) Benzyl Alcohol	7.11	79	399158	38.981	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	619278	37.557	ng		96
17) 2-Methylphenol	7.22	107	388220	38.524	ng		99
18) Hexachloroethane	7.49	117	139391	30.598	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	311817	36.816	ng		95
20) 3+4-Methylphenols	7.37	107	478806	37.439	ng		92
22) Acetophenone	7.38	105	613430	35.899	ng	#	95
24) Nitrobenzene	7.56	77	475150	42.450	ng		99
25) Isophorone	7.79	82	890131	40.330	ng		99
26) 2-Nitrophenol	7.87	139	196719	46.549	ng		97
27) 2,4-Dimethylphenol	7.90	122	416257	44.024	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	563500	42.163	ng		99
29) 2,4-Dichlorophenol	8.11	162	360384	41.894	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	364216	36.504	ng		99
31) Naphthalene	8.28	128	1262899	37.602	ng		100
32) Benzoic acid	7.94	122	12601m	11.404	ng		
33) 4-Chloroaniline	8.32	127	158003	11.213	ng		99
34) Hexachlorobutadiene	8.39	225	195780	35.790	ng		98
35) Caprolactam	8.69	113	113297	38.249	ng		90
36) 4-Chloro-3-methylphenol	8.80	107	386106	40.714	ng		97
37) 2-Methylnaphthalene	8.97	142	789108	37.049	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321557	39.473	ng		99
40) Hexachlorocyclopentadiene	9.12	237	62528	14.875	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	232022	44.529	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	241877	41.128	ng		97
45) 1,1'-Biphenyl	9.43	154	897557	37.696	ng		100
46) 2-Chloronaphthalene	9.46	162	720917	38.121	ng		97
47) 2-Nitroaniline	9.55	65	235107	47.591	ng		97
48) Acenaphthylene	9.87	152	1060869	36.175	ng		100
49) Dimethylphthalate	9.73	163	1002041	45.996	ng		99
50) 2,6-Dinitrotoluene	9.79	165	176061	42.293	ng		98
51) Acenaphthene	10.05	154	622315	35.739	ng		100
52) 3-Nitroaniline	9.96	138	175677	35.832	ng		97
53) 2,4-Dinitrophenol	10.06	184	7946	18.257	ng	#	54
54) Dibenzofuran	10.22	168	935151	37.603	ng		98
55) 4-Nitrophenol	10.12	139	295612	74.481	ng		99
56) 2,4-Dinitrotoluene	10.20	165	214045	41.114	ng		98
57) Fluorene	10.56	166	697634	36.151	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178359	42.801	ng		97
59) Diethylphthalate	10.43	149	822959	38.060	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	333361	37.799	ng		99
61) 4-Nitroaniline	10.58	138	180251	37.933	ng		98
62) Azobenzene	10.72	77	784402	35.682	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	13005	16.600	ng		91
65) n-Nitrosodiphenylamine	10.67	169	639914	43.524	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	192290	43.359	ng		94
67) Hexachlorobenzene	11.12	284	194811	38.487	ng	#	88
68) Atrazine	11.20	200	184448	40.555	ng		96
69) Pentachlorophenol	11.30	266	192417	66.122	ng		96
70) Phenanthrene	11.53	178	1014902	42.953	ng		99
71) Anthracene	11.59	178	927405	38.645	ng		99
72) Carbazole	11.73	167	865295	37.097	ng		100
73) Di-n-butylphthalate	12.06	149	1158029	41.377	ng		100
74) Fluoranthene	12.72	202	958471	39.375	ng		99
76) Benzidine	12.85	184	514418	40.964	ng		98
77) Pyrene	12.96	202	915607	42.344	ng		100
79) Butylbenzylphthalate	13.56	149	404214	42.193	ng		98
80) Benzo(a)anthracene	14.14	228	753446	40.426	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	244997	39.299	ng		98
82) Chrysene	14.19	228	712445	40.101	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	568247	41.520	ng		99
84) Di-n-octyl phthalate	14.75	149	937724	47.096	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	551185	35.525	ng		98
87) Benzo(b)fluoranthene	15.24	252	668141	42.819	ng		99
88) Benzo(k)fluoranthene	15.27	252	626840	41.791	ng		99
89) Benzo(a)pyrene	15.63	252	591410	41.787	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	451925	36.877	ng		98
91) Benzo(g,h,i)perylene	17.74	276	444148	37.254	ng		96

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

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