Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103719.D
Acq On : 17 Mar 2018 1:33
Operator : JU/SJ
Sample : J1945-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Manual Integrations APPROVED
Sohil
3/19/2018 2:02:52 PM

Quant Time: Mar 17 04:11:19 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	147605	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	556722	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	212816	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	315812	20.00	ng		0.00
75) Chrysene-d12	14.16	240	290689	20.00	ng		0.00
86) Perylene-d12	15.70	264	248034	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1139921	117.46	ng		0.02
7) Phenol-d6	6.60	99	1369961	115.39	ng		0.01
23) Nitrobenzene-d5	7.54	82	813121	101.85	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	224410	122.64	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1202876	90.16	ng		0.00
78) Terphenyl-d14	13.09	244	945778	75.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	176525	36.941	ng		92
3) Pyridine	3.65	79	482112	36.681	ng		89
4) n-Nitrosodimethylamine	3.60	42	211587	43.661	ng		85
6) Aniline	6.63	93	327064	19.292	ng		97
8) 2-Chlorophenol	6.76	128	420555	41.369	ng		98
9) Benzaldehyde	6.52	77	171659	22.008	ng		99
10) Phenol	6.61	94	589672	46.740	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	424212	40.731	ng		97
12) 1,3-Dichlorobenzene	6.92	146	437398	37.777	ng		99
13) 1,4-Dichlorobenzene	6.99	146	438214	37.664	ng		100
14) 1,2-Dichlorobenzene	7.15	146	401702	37.207	ng		99
15) Benzyl Alcohol	7.11	79	363536	39.519	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	569440	38.441	ng		96
17) 2-Methylphenol	7.22	107	349141	38.566	ng		98
18) Hexachloroethane	7.49	117	125167	30.584	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	280846	36.910	ng		96
20) 3+4-Methylphenols	7.36	107	431855	37.588	ng		98
22) Acetophenone	7.38	105	561863	39.269	ng	#	94
24) Nitrobenzene	7.56	77	433074	46.207	ng		97
25) Isophorone	7.79	82	784344	42.441	ng		98
26) 2-Nitrophenol	7.87	139	177774	49.489	ng		96
27) 2,4-Dimethylphenol	7.90	122	371900	46.974	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	510141	45.586	ng		99
29) 2,4-Dichlorophenol	8.10	162	312733	43.417	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	324035	38.787	ng		99
31) Naphthalene	8.28	128	1112190	39.548	ng		100
32) Benzoic acid	7.94	122	7946m	11.034	ng		
33) 4-Chloroaniline	8.32	127	161322	13.673	ng		97
34) Hexachlorobutadiene	8.39	225	173644	37.910	ng		99
35) Caprolactam	8.68	113	96194m	38.784	ng		
36) 4-Chloro-3-methylphenol	8.79	107	318644	40.128	ng		99
37) 2-Methylnaphthalene	8.97	142	692456	38.827	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	271505	44.719	ng		99
40) Hexachlorocyclopentadiene	9.12	237	57818	18.455	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	189010	48.671	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	191674	43.730	ng		97
45) 1,1'-Biphenyl	9.43	154	768249	43.292	ng		98
46) 2-Chloronaphthalene	9.46	162	591330	41.954	ng		100
47) 2-Nitroaniline	9.55	65	189022	50.801	ng		97
48) Acenaphthylene	9.87	152	852448	39.002	ng		99
49) Dimethylphthalate	9.73	163	831331	51.201	ng		99
50) 2,6-Dinitrotoluene	9.79	165	137446	44.112	ng		98
51) Acenaphthene	10.05	154	499530	38.491	ng		99
52) 3-Nitroaniline	9.96	138	133624	36.491	ng		95
53) 2,4-Dinitrophenol	10.06	184	5777	18.016	ng	#	36
54) Dibenzofuran	10.22	168	745534	40.223	ng		100
55) 4-Nitrophenol	10.11	139	225699	76.178	ng		99
56) 2,4-Dinitrotoluene	10.19	165	160196	41.260	ng	#	94
57) Fluorene	10.56	166	546904	38.025	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	136731	44.024	ng		98
59) Diethylphthalate	10.43	149	653271	40.537	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	260745	39.668	ng		98
61) 4-Nitroaniline	10.57	138	134639	38.009	ng		98
62) Azobenzene	10.71	77	599922	36.616	ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	10207	17.182	ng		80
65) n-Nitrosodiphenylamine	10.67	169	494684	46.018	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	142882	44.065	ng		91
67) Hexachlorobenzene	11.11	284	148385	40.095	ng		98
68) Atrazine	11.19	200	137012	41.203	ng		100
69) Pentachlorophenol	11.30	266	162951	76.586	ng		97
70) Phenanthrene	11.53	178	792751	45.888	ng		99
71) Anthracene	11.58	178	739839	42.165	ng		99
72) Carbazole	11.73	167	691701	40.559	ng		100
73) Di-n-butylphthalate	12.06	149	877200	42.868	ng		99
74) Fluoranthene	12.72	202	833886	46.853	ng		99
76) Benzidine	12.85	184	491138	39.614	ng		98
77) Pyrene	12.96	202	849876	39.811	ng		99
79) Butylbenzylphthalate	13.56	149	367814	38.888	ng		98
80) Benzo(a)anthracene	14.14	228	782763	42.540	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	251337	40.835	ng		98
82) Chrysene	14.19	228	725281	41.349	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	535605	39.639	ng		99
84) Di-n-octyl phthalate	14.75	149	952631	48.461	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	551327	35.992	ng		98
87) Benzo(b)fluoranthene	15.24	252	731363	46.672	ng		98
88) Benzo(k)fluoranthene	15.27	252	605862	40.221	ng		99
89) Benzo(a)pyrene	15.63	252	607446	42.739	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	458636	37.266	ng		98
91) Benzo(g,h,i)perylene	17.75	276	446412	37.285	ng		97

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

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