Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103990.D
Acq On : 28 Mar 2018 00:17
Operator : JU/SJ
Sample : J2075-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-107(4-5)MSD

Manual Integrations APPROVED
Sohil
3/28/2018 4:54:49 PM

Quant Time: Mar 28 06:53:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147479	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	579235	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	252888	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	389213	20.00	ng		0.00
75) Chrysene-d12	14.17	240	254364	20.00	ng		0.00
86) Perylene-d12	15.71	264	232237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1178423	121.53	ng		0.02
7) Phenol-d6	6.62	99	1388277	117.03	ng		0.02
23) Nitrobenzene-d5	7.55	82	837748	100.86	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	298630	137.34	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1416394	89.34	ng		0.00
78) Terphenyl-d14	13.09	244	1047323	95.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	152027	31.842	ng	#	89
3) Pyridine	3.68	79	424273m	32.308	ng		
4) n-Nitrosodimethylamine	3.65	42	166639m	34.415	ng		
6) Aniline	6.65	93	221043	13.049	ng	#	78
8) 2-Chlorophenol	6.77	128	441154	43.432	ng		93
9) Benzaldehyde	6.53	77	181538	23.294	ng		97
10) Phenol	6.63	94	566446	44.937	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	425537	40.893	ng		94
12) 1,3-Dichlorobenzene	6.92	146	459044	39.680	ng		97
13) 1,4-Dichlorobenzene	6.99	146	473093	40.696	ng		99
14) 1,2-Dichlorobenzene	7.15	146	425255	39.422	ng		99
15) Benzyl Alcohol	7.12	79	343598	37.383	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	497379	33.605	ng		66
17) 2-Methylphenol	7.23	107	353448	39.075	ng		94
18) Hexachloroethane	7.48	117	134677	32.935	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	278300	36.607	ng		92
20) 3+4-Methylphenols	7.38	107	430755	37.525	ng	#	63
22) Acetophenone	7.39	105	571360	38.381	ng	#	97
24) Nitrobenzene	7.56	77	426372	43.724	ng		93
25) Isophorone	7.79	82	808757	42.061	ng		99
26) 2-Nitrophenol	7.87	139	190870	50.768	ng		96
27) 2,4-Dimethylphenol	7.90	122	397824	48.295	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	526052	45.180	ng		99
29) 2,4-Dichlorophenol	8.12	162	360154	48.058	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	366477	42.162	ng		99
31) Naphthalene	8.28	128	1308463	44.719	ng		99
32) Benzoic acid	7.99	122	47567m	16.400	ng		
33) 4-Chloroaniline	8.33	127	134538	10.960	ng		96
34) Hexachlorobutadiene	8.39	225	193885	40.684	ng		100
35) Caprolactam	8.70	113	116833m	45.274	ng		
36) 4-Chloro-3-methylphenol	8.82	107	379390	45.921	ng		97
37) 2-Methylnaphthalene	8.97	142	831574	44.816	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	341178	47.290	ng		99
40) Hexachlorocyclopentadiene	9.11	237	54709	14.696	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	232282	50.336	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	244782	46.997	ng		95
45) 1,1'-Biphenyl	9.43	154	952380	45.164	ng		99
46) 2-Chloronaphthalene	9.46	162	713984	42.629	ng		99
47) 2-Nitroaniline	9.56	65	228538	51.570	ng		98
48) Acenaphthylene	9.88	152	1235286	47.562	ng		100
49) Dimethylphthalate	9.73	163	1009164	52.304	ng		100
50) 2,6-Dinitrotoluene	9.80	165	172823	46.445	ng		99
51) Acenaphthene	10.05	154	654725	42.456	ng		100
52) 3-Nitroaniline	9.97	138	154926	35.697	ng		99
53) 2,4-Dinitrophenol	10.08	184	9209	21.163	ng	#	50
54) Dibenzofuran	10.22	168	960353	43.603	ng		99
55) 4-Nitrophenol	10.15	139	269732	76.586	ng		92
56) 2,4-Dinitrotoluene	10.21	165	206824	44.291	ng	#	89
57) Fluorene	10.57	166	870103	50.910	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177926	48.210	ng		91
59) Diethylphthalate	10.43	149	808216	42.205	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	337042	43.151	ng		100
61) 4-Nitroaniline	10.60	138	195384	45.588	ng		92
62) Azobenzene	10.72	77	701159	36.014	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	10741	15.933	ng		91
65) n-Nitrosodiphenylamine	10.67	169	648496	48.950	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	200197	50.097	ng		91
67) Hexachlorobenzene	11.12	284	209601	45.955	ng	#	90
68) Atrazine	11.20	200	189380	46.211	ng		98
69) Pentachlorophenol	11.32	266	188856	72.022	ng		97
70) Phenanthrene	11.54	178	1527979	71.767	ng		99
71) Anthracene	11.59	178	1103952	51.052	ng		99
72) Carbazole	11.75	167	857893	40.817	ng		100
73) Di-n-butylphthalate	12.06	149	1140199	45.212	ng		99
74) Fluoranthene	12.73	202	1310285	59.736	ng		99
76) Benzidine	12.85	184	444779	40.998	ng		97
77) Pyrene	12.97	202	1470303	78.709	ng		99
79) Butylbenzylphthalate	13.56	149	411142	49.677	ng		97
80) Benzo(a)anthracene	14.16	228	989240	61.439	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	195525	36.304	ng		98
82) Chrysene	14.19	228	951362	61.984	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	537706	45.478	ng		99
84) Di-n-octyl phthalate	14.74	149	920640	53.522	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	678300	50.605	ng		95
87) Benzo(b)fluoranthene	15.25	252	942919	64.266	ng		98
88) Benzo(k)fluoranthene	15.28	252	644954	45.729	ng		100
89) Benzo(a)pyrene	15.64	252	815246	61.261	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	503139	43.663	ng		98
91) Benzo(g,h,i)perylene	17.79	276	577132	51.482	ng		96

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

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