Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107537.D
Acq On : 20 Jul 2018 21:25
Operator : JU/SJ
Sample : J4054-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Manual Integrations APPROVED
Sohil
7/23/2018 12:44:41 PM

Quant Time: Jul 21 00:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	352420	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1318417	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	595161	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1100949	20.00	ng	0.00
75) Chrysene-d12	14.16	240	719909	20.00	ng	0.00
86) Perylene-d12	15.69	264	852832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2507925	114.42	ng	0.00
7) Phenol-d6	6.62	99	2916527	110.81	ng	0.00
23) Nitrobenzene-d5	7.54	82	1892443	96.87	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	862575	127.45	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2959522	85.22	ng	0.00
78) Terphenyl-d14	13.10	244	2591875	92.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	340102	33.336	ng	# 87
3) Pyridine	3.66	79	946651	34.107	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	483787	41.329	ng	95
6) Aniline	6.65	93	1041712	30.688	ng	# 86
8) 2-Chlorophenol	6.77	128	944358	40.214	ng	93
9) Benzaldehyde	6.53	77	453010	25.769	ng	97
10) Phenol	6.63	94	1239045	40.029	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	991168	38.624	ng	92
12) 1,3-Dichlorobenzene	6.92	146	1012609	38.032	ng	100
13) 1,4-Dichlorobenzene	6.99	146	1054191	38.630	ng	98
14) 1,2-Dichlorobenzene	7.15	146	951512	38.854	ng	100
15) Benzyl Alcohol	7.12	79	766546	42.734	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1593820	36.815	ng	82
17) 2-Methylphenol	7.23	107	818047	40.985	ng	# 94
18) Hexachloroethane	7.48	117	381228	39.829	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	651123	38.295	ng	98
20) 3+4-Methylphenols	7.38	107	965034	40.718	ng	# 62
22) Acetophenone	7.38	105	1304157	42.120	ng	# 87
24) Nitrobenzene	7.56	77	1013707	45.304	ng	99
25) Isophorone	7.80	82	1880729	45.088	ng	98
26) 2-Nitrophenol	7.87	139	516611	54.673	ng	94
27) 2,4-Dimethylphenol	7.91	122	886419	49.560	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1202173	43.126	ng	99
29) 2,4-Dichlorophenol	8.12	162	841835	46.049	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	840429	40.931	ng	100
31) Naphthalene	8.28	128	2580150	44.504	ng	96
32) Benzoic acid	8.02	122	349771	31.301	ng	96
33) 4-Chloroaniline	8.34	127	228316	9.010	ng	99
34) Hexachlorobutadiene	8.39	225	485245	39.772	ng	99
35) Caprolactam	8.71	113	265142m	44.590	ng	
36) 4-Chloro-3-methylphenol	8.82	107	922510	45.428	ng	99
37) 2-Methylnaphthalene	8.97	142	1805495	44.940	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	836017	42.114	ng	99
40) Hexachlorocyclopentadiene	9.12	237	847777	84.012	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	574472	45.211	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	618811	46.597	ng		94
45) 1,1'-Biphenyl	9.44	154	2121693	40.923	ng		96
46) 2-Chloronaphthalene	9.47	162	1613463	40.714	ng		98
47) 2-Nitroaniline	9.57	65	588223	50.914	ng		89
48) Acenaphthylene	9.88	152	2569911	43.169	ng		93
49) Dimethylphthalate	9.74	163	2211812	49.310	ng		97
50) 2,6-Dinitrotoluene	9.81	165	438849	49.278	ng		96
51) Acenaphthene	10.05	154	1509304	40.465	ng		99
52) 3-Nitroaniline	9.98	138	271296	25.041	ng		99
53) 2,4-Dinitrophenol	10.08	184	334650	79.766	ng	#	22
54) Dibenzofuran	10.22	168	2235504	40.711	ng		94
55) 4-Nitrophenol	10.15	139	714139	88.040	ng		92
56) 2,4-Dinitrotoluene	10.21	165	562211	52.299	ng		96
57) Fluorene	10.57	166	1733372	44.247	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	520009	47.050	ng	#	89
59) Diethylphthalate	10.44	149	1982033	42.309	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	861567	38.902	ng		91
61) 4-Nitroaniline	10.60	138	448976	49.325	ng		98
62) Azobenzene	10.72	77	1792345	40.803	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	237373	45.265	ng		94
65) n-Nitrosodiphenylamine	10.68	169	1572037	42.043	ng		96
66) 4-Bromophenyl-phenylether	11.05	248	540093	41.674	ng		92
67) Hexachlorobenzene	11.12	284	573989	40.252	ng	#	86
68) Atrazine	11.21	200	511984	44.847	ng		97
69) Pentachlorophenol	11.31	266	603737	67.782	ng		98
70) Phenanthrene	11.54	178	2264180	42.203	ng		95
71) Anthracene	11.59	178	2288013	42.357	ng		94
72) Carbazole	11.75	167	2179781	38.806	ng		96
73) Di-n-butylphthalate	12.06	149	2615519	45.366	ng	#	96
74) Fluoranthene	12.73	202	2227673	38.695	ng		96
76) Benzidine	12.85	184	814779	39.300	ng		98
77) Pyrene	12.96	202	2197915	44.634	ng		96
79) Butylbenzylphthalate	13.57	149	1043767	49.288	ng		94
80) Benzo(a)anthracene	14.15	228	1878324	44.523	ng		96
81) 3,3'-Dichlorobenzidine	14.11	252	493823	37.745	ng		99
82) Chrysene	14.19	228	1759014	43.405	ng		95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1346396	45.059	ng		98
84) Di-n-octyl phthalate	14.74	149	2232092	48.058	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	2415486	70.326	ng		95
87) Benzo(b)fluoranthene	15.24	252	2051214	43.947	ng		98
88) Benzo(k)fluoranthene	15.27	252	1667900	36.474	ng		97
89) Benzo(a)pyrene	15.63	252	1884521	44.139	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	1962617	53.178	ng		97
91) Benzo(g,h,i)perylene	17.76	276	2013728	55.316	ng		93

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

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