Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107635.D
Acq On : 24 Jul 2018 22:34
Operator : JU/SJ
Sample : J4011-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Manual Integrations APPROVED
Sohil
7/25/2018 12:58:41 PM

Quant Time: Jul 25 04:32:32 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	6.97	152	265691	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	973468	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	389999	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	668231	20.00	ng		0.00
75) Chrysene-d12	14.16	240	470417	20.00	ng		0.00
86) Perylene-d12	15.69	264	394678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1881999	113.89	ng		0.01
7) Phenol-d6	6.62	99	2190936	110.42	ng		0.00
23) Nitrobenzene-d5	7.54	82	1396768	96.83	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	518416	116.89	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	2204008	102.23	ng		0.00
78) Terphenyl-d14	13.09	244	1792841	97.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	235520	30.621	ng	#	84
3) Pyridine	3.68	79	646999	30.921	ng		86
4) n-Nitrosodimethylamine	3.64	42	302247	34.249	ng		92
6) Aniline	6.64	93	669396	26.157	ng	#	70
8) 2-Chlorophenol	6.77	128	704700	39.804	ng		97
9) Benzaldehyde	6.52	77	330235	24.712	ng		99
10) Phenol	6.63	94	811545	34.777	ng		82
11) bis(2-Chloroethyl)ether	6.71	93	694330	35.888	ng		91
12) 1,3-Dichlorobenzene	6.91	146	755042	37.615	ng		99
13) 1,4-Dichlorobenzene	6.99	146	790391	38.418	ng		99
14) 1,2-Dichlorobenzene	7.14	146	692138	37.488	ng		99
15) Benzyl Alcohol	7.12	79	545919	40.369	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1094956	33.548	ng		82
17) 2-Methylphenol	7.23	107	581476	38.643	ng	#	88
18) Hexachloroethane	7.48	117	207346	28.734	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	458798	35.792	ng		99
20) 3+4-Methylphenols	7.38	107	674416	37.744	ng	#	67
22) Acetophenone	7.38	105	955539	41.796	ng	#	88
24) Nitrobenzene	7.56	77	706654	42.772	ng		98
25) Isophorone	7.79	82	1293307	41.993	ng		99
26) 2-Nitrophenol	7.87	139	343256	49.200	ng		98
27) 2,4-Dimethylphenol	7.91	122	575430	43.573	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	837523	40.691	ng		99
29) 2,4-Dichlorophenol	8.12	162	583055	43.195	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	602304	39.728	ng		99
31) Naphthalene	8.28	128	1907593	44.562	ng		98
32) Benzoic acid	7.97	122	30529m	10.666	ng		
33) 4-Chloroaniline	8.33	127	441303	23.586	ng		99
34) Hexachlorobutadiene	8.38	225	356340	39.556	ng		99
35) Caprolactam	8.70	113	159158	36.251	ng	#	77
36) 4-Chloro-3-methylphenol	8.82	107	605093	40.355	ng		96
37) 2-Methylnaphthalene	8.97	142	1253718	42.264	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	582319	44.766	ng		97
40) Hexachlorocyclopentadiene	9.11	237	64194	9.708	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	366771	44.050	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	389465	44.755	ng		96
45) 1,1'-Biphenyl	9.43	154	1479093	43.537	ng		99
46) 2-Chloronaphthalene	9.46	162	1096182	42.212	ng		98
47) 2-Nitroaniline	9.57	65	405014	53.498	ng		95
48) Acenaphthylene	9.88	152	1697603	43.518	ng		97
49) Dimethylphthalate	9.73	163	1534514	52.207	ng		98
50) 2,6-Dinitrotoluene	9.80	165	259727	44.507	ng		95
51) Acenaphthene	10.05	154	1011687	41.392	ng		99
52) 3-Nitroaniline	9.98	138	305180	42.987	ng		97
53) 2,4-Dinitrophenol	10.10	184	2765	9.662	ng	#	1
54) Dibenzofuran	10.22	168	1485202	41.275	ng		100
55) 4-Nitrophenol	10.15	139	361497	68.010	ng		96
56) 2,4-Dinitrotoluene	10.21	165	308944	43.858	ng		95
57) Fluorene	10.57	166	1130348	44.032	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	292771	40.425	ng	#	86
59) Diethylphthalate	10.43	149	1265324	41.219	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	569065	39.212	ng		91
61) 4-Nitroaniline	10.60	138	287089	48.131	ng		98
62) Azobenzene	10.71	77	1065368	37.011	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	10342	11.307	ng	#	80
65) n-Nitrosodiphenylamine	10.68	169	1012879	44.630	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	336453	42.772	ng		92
67) Hexachlorobenzene	11.11	284	350293	40.472	ng	#	88
68) Atrazine	11.20	200	276623	39.921	ng		95
69) Pentachlorophenol	11.31	266	299833	55.461	ng		99
70) Phenanthrene	11.54	178	1420977	43.638	ng		99
71) Anthracene	11.59	178	1484218	45.270	ng		99
72) Carbazole	11.74	167	1391318	40.809	ng		99
73) Di-n-butylphthalate	12.05	149	1687358	49.574	ng		99
74) Fluoranthene	12.72	202	1498430	42.883	ng		98
76) Benzidine	12.85	184	941376	69.489	ng		97
77) Pyrene	12.96	202	1457467	45.295	ng		98
79) Butylbenzylphthalate	13.56	149	667030	48.203	ng		92
80) Benzo(a)anthracene	14.15	228	1167718	42.359	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	410561	52.807	ng		96
82) Chrysene	14.19	228	1162299	43.892	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	838648	42.952	ng		98
84) Di-n-octyl phthalate	14.73	149	1441036	47.482	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	863247	38.463	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	940285	43.531	ng		99
88) Benzo(k)fluoranthene	15.27	252	980581	46.336	ng		97
89) Benzo(a)pyrene	15.63	252	876695	44.371	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	734054	42.978	ng		96
91) Benzo(g,h,i)perylene	17.75	276	689682	40.937	ng	#	92

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

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