Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109958.D
Acq On : 18 Oct 2018 13:51
Operator : JU/SJ
Sample : J5565-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RLF-SD-5MS

Manual Integrations APPROVED
Sohil
10/19/2018 12:08:30 PM

Quant Time: Oct 19 02:47:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	245836	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	944618	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	421983	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	720543	20.00	ng		0.00
76) Chrysene-d12	14.16	240	412226	20.00	ng		0.00
87) Perylene-d12	15.69	264	448211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1590649	102.56	ng		0.01
7) Phenol-d6	6.60	99	2008663	104.30	ng		0.00
23) Nitrobenzene-d5	7.55	82	1230863	87.78	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	422131	115.54	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1915568	72.43	ng		0.00
79) Terphenyl-d14	13.10	244	1368611	69.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	222802	25.294	ng		92
3) Pyridine	3.68	79	639878	32.583	ng		87
4) n-Nitrosodimethylamine	3.65	42	311526	38.887	ng	#	100
6) Aniline	6.65	93	542458	20.902	ng	#	51
8) 2-Chlorophenol	6.76	128	656108	37.768	ng		97
9) Benzaldehyde	6.53	77	265094	21.183	ng		98
10) Phenol	6.62	94	951945	45.784	ng	#	64
11) bis(2-Chloroethyl)ether	6.72	93	624140	35.901	ng		96
12) 1,3-Dichlorobenzene	6.92	146	676603	35.519	ng		96
13) 1,4-Dichlorobenzene	7.00	146	683865	35.647	ng		99
14) 1,2-Dichlorobenzene	7.15	146	639097	36.176	ng		99
15) Benzyl Alcohol	7.12	79	563769	38.052	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1012847	35.496	ng		68
17) 2-Methylphenol	7.22	107	545559	38.945	ng	#	81
18) Hexachloroethane	7.49	117	250166	36.899	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	438428	35.457	ng		96
20) 3+4-Methylphenols	7.37	107	658234	37.028	ng		96
22) Acetophenone	7.39	105	881021	40.217	ng	#	98
24) Nitrobenzene	7.56	77	656395	43.089	ng		92
25) Isophorone	7.80	82	1227440	44.548	ng		95
26) 2-Nitrophenol	7.87	139	332712	52.677	ng		94
27) 2,4-Dimethylphenol	7.90	122	603667	45.486	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	784543	41.489	ng		100
29) 2,4-Dichlorophenol	8.12	162	538240	41.807	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	567227	39.349	ng		94
31) Naphthalene	8.29	128	1796581	41.475	ng		99
32) Benzoic acid	7.97	122	69485	8.403	ng		96
33) 4-Chloroaniline	8.33	127	130212	6.687	ng		95
34) Hexachlorobutadiene	8.39	225	306108	38.509	ng		100
35) Caprolactam	8.69	113	164370m	35.949	ng		
36) 4-Chloro-3-methylphenol	8.81	107	557169	41.023	ng		92
37) 2-Methylnaphthalene	8.97	142	1207707	43.057	ng		99
38) 1-Methylnaphthalene	9.07	142	1144130	42.096	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	517426	39.809	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	574352	91.554	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	353894	43.544	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	370231	43.892	ng		95
46) 1,1'-Biphenyl	9.44	154	1440505	38.314	ng		99
47) 2-Chloronaphthalene	9.47	162	1104226	39.873	ng		99
48) 2-Nitroaniline	9.56	65	340345	47.888	ng		92
49) Acenaphthylene	9.89	152	1672783	41.579	ng		97
50) Dimethylphthalate	9.74	163	1498054	50.135	ng		99
51) 2,6-Dinitrotoluene	9.80	165	277943	48.974	ng		90
52) Acenaphthene	10.06	154	1058573	41.329	ng		98
53) 3-Nitroaniline	9.97	138	157831	22.862	ng		93
54) 2,4-Dinitrophenol	10.07	184	113002	64.452	ng		89
55) Dibenzofuran	10.23	168	1455278	39.839	ng		98
56) 4-Nitrophenol	10.13	139	444094	84.306	ng		91
57) 2,4-Dinitrotoluene	10.21	165	357074	49.635	ng	#	81
58) Fluorene	10.57	166	1111024	41.782	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	305822	45.747	ng		97
60) Diethylphthalate	10.44	149	1189081	40.291	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	536816	38.755	ng		97
62) 4-Nitroaniline	10.59	138	275973	42.230	ng		90
63) Azobenzene	10.72	77	1156361	37.507	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	122507	47.107	ng		99
66) n-Nitrosodiphenylamine	10.68	169	1005254	41.888	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	327507	41.941	ng		91
68) Hexachlorobenzene	11.12	284	341422	41.001	ng		96
69) Atrazine	11.20	200	319956	42.682	ng		98
70) Pentachlorophenol	11.32	266	324129	68.396	ng		96
71) Phenanthrene	11.54	178	1542797	41.359	ng		99
72) Anthracene	11.59	178	1579048	42.105	ng		99
73) Carbazole	11.75	167	1311083	35.572	ng		99
74) Di-n-butylphthalate	12.06	149	1669766	40.594	ng		99
75) Fluoranthene	12.73	202	1311237	35.187	ng		100
77) Benzidine	12.85	184	504640	31.929	ng		96
78) Pyrene	12.96	202	1262721	41.706	ng		99
80) Butylbenzylphthalate	13.57	149	539268	44.056	ng		97
81) Benzo(a)anthracene	14.15	228	1013309	41.732	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	264657	31.090	ng		99
83) Chrysene	14.19	228	932774	40.359	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	741260	46.022	ng		96
85) Di-n-octyl phthalate	14.74	149	1191045	52.451	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1198879	64.426	ng	#	94
88) Benzo(b)fluoranthene	15.23	252	1019380	39.449	ng		99
89) Benzo(k)fluoranthene	15.26	252	997655	39.170	ng	#	96
90) Benzo(a)pyrene	15.62	252	1005836	42.323	ng		97
91) Dibenzo(a,h)anthracene	17.28	278	998977	47.431	ng		96
92) Benzo(g,h,i)perylene	17.74	276	971243	45.641	ng		96

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

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