Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111144.D
Acq On : 6 Dec 2018 18:05
Operator : JU/SJ
Sample : J6233-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2MSD

Manual Integrations APPROVED
mohammad
12/10/2018 12:19:02 PM

Quant Time: Dec 07 11:39:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	484036	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1937347	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	917424	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1543503	20.00	ng		0.00
76) Chrysene-d12	13.96	240	789204	20.00	ng		0.00
87) Perylene-d12	15.39	264	893489	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3609995	116.38	ng		0.01
7) Phenol-d6	6.45	99	4722578	118.19	ng		0.01
23) Nitrobenzene-d5	7.37	82	3056495	93.40	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	974463	133.63	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4611441	94.68	ng		0.00
79) Terphenyl-d14	12.91	244	3584414	93.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	526481	29.508	ng		97
3) Pyridine	3.33	79	1253626	31.680	ng		97
4) n-Nitrosodimethylamine	3.25	42	839122	43.069	ng		100
6) Aniline	6.47	93	866130	16.224	ng		99
8) 2-Chlorophenol	6.59	128	1450253	40.563	ng		95
9) Benzaldehyde	6.35	77	723620	31.806	ng		97
10) Phenol	6.46	94	2004932m	46.018	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1392857	39.115	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1475294	38.799	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1503863	39.301	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1397938	39.273	ng		99
15) Benzyl Alcohol	6.95	79	1305948	41.249	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2749752	39.697	ng		99
17) 2-Methylphenol	7.06	107	1229531	41.894	ng		99
18) Hexachloroethane	7.32	117	572142	39.858	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	1053151	39.220	ng		95
20) 3+4-Methylphenols	7.22	107	1453621	40.609	ng		93
22) Acetophenone	7.22	105	1958754	41.838	ng	#	92
24) Nitrobenzene	7.39	77	1528684	43.423	ng		99
25) Isophorone	7.63	82	2813881	46.855	ng		99
26) 2-Nitrophenol	7.70	139	761787	51.212	ng		93
27) 2,4-Dimethylphenol	7.75	122	1333239	47.591	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	1782458	43.843	ng		99
29) 2,4-Dichlorophenol	7.95	162	1216767	44.118	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	1163755	41.805	ng		98
31) Naphthalene	8.11	128	3910164	46.357	ng		99
32) Benzoic acid	7.83	122	395938	21.433	ng		95
33) 4-Chloroaniline	8.15	127	241718	5.928	ng		95
34) Hexachlorobutadiene	8.23	225	616414	40.746	ng		99
35) Caprolactam	8.52	113	392215m	38.733	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1326918	43.924	ng		97
37) 2-Methylnaphthalene	8.80	142	2692888	46.283	ng		99
38) 1-Methylnaphthalene	8.90	142	2570703	45.956	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	956402	39.115	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1106243	85.803	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	811225	45.426	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	838849	46.338	ng		99
46) 1,1'-Biphenyl	9.27	154	2988625	39.794	ng		99
47) 2-Chloronaphthalene	9.29	162	2417877	41.431	ng		98
48) 2-Nitroaniline	9.38	65	856483	45.286	ng		94
49) Acenaphthylene	9.70	152	3771035	46.228	ng		99
50) Dimethylphthalate	9.57	163	3313758	51.900	ng		99
51) 2,6-Dinitrotoluene	9.62	165	661556	48.870	ng		87
52) Acenaphthene	9.88	154	2386698	44.287	ng		99
53) 3-Nitroaniline	9.79	138	317784	18.689	ng		95
54) 2,4-Dinitrophenol	9.89	184	321895	75.457	ng	#	75
55) Dibenzofuran	10.05	168	3264723	43.982	ng		99
56) 4-Nitrophenol	9.95	139	1055249	82.354	ng		96
57) 2,4-Dinitrotoluene	10.03	165	884185	50.574	ng	#	99
58) Fluorene	10.39	166	2454681	46.895	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	662214	49.012	ng		93
60) Diethylphthalate	10.27	149	2827278	44.309	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	1117626	43.326	ng		97
62) 4-Nitroaniline	10.40	138	660525	43.040	ng		98
63) Azobenzene	10.55	77	2870727	42.258	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	273497	42.890	ng		95
66) n-Nitrosodiphenylamine	10.50	169	2314037	42.816	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	713079	43.643	ng		95
68) Hexachlorobenzene	10.94	284	723471	43.304	ng	#	93
69) Atrazine	11.03	200	718990	Below Cal			97
70) Pentachlorophenol	11.13	266	717346	65.292	ng		98
71) Phenanthrene	11.35	178	3457160	46.564	ng		99
72) Anthracene	11.40	178	3512535	46.935	ng		100
73) Carbazole	11.55	167	3233962	41.529	ng		99
74) Di-n-butylphthalate	11.89	149	3971414	43.567	ng		99
75) Fluoranthene	12.54	202	3150098	43.359	ng		96
77) Benzidine	12.65	184	332176	9.842	ng		99
78) Pyrene	12.76	202	3086861	50.205	ng		98
80) Butylbenzylphthalate	13.39	149	1403831	47.263	ng		99
81) Benzo(a)anthracene	13.94	228	2119363	45.834	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	382800	21.937	ng	#	94
83) Chrysene	13.99	228	2061860	44.917	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1720344	47.951	ng		99
85) Di-n-octyl phthalate	14.56	149	2977388	52.790	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	2523619	68.472	ng	#	87
88) Benzo(b)fluoranthene	14.98	252	2310785	45.642	ng		98
89) Benzo(k)fluoranthene	15.01	252	1942791	39.694	ng		99
90) Benzo(a)pyrene	15.34	252	2162459	46.565	ng		97
91) Dibenzo(a,h)anthracene	16.83	278	2079095	53.350	ng		98
92) Benzo(g,h,i)perylene	17.24	276	2081473	53.150	ng		98

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

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