Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121096.D
Acq On : 29 Jul 2020 12:06
Operator : JU/CG
Sample : PB130545BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130545BS

Manual Integrations APPROVED
mohammad
7/30/2020 3:33:17 PM

Quant Time: Jul 29 15:12:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162613	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596313	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	303494	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563972	20.00	ng	0.00
76) Chrysene-d12	13.96	240	433103	20.00	ng	0.00
86) Perylene-d12	15.40	264	450935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	770630	77.69	ng	0.01
7) Phenol-d6	6.45	99	930593	72.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	859466	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278290	83.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1530465	75.29	ng	0.00
79) Terphenyl-d14	12.91	244	1656842	83.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	156123	34.199	ng	99
3) Pyridine	3.33	79	369200	30.401	ng	96
4) n-Nitrosodimethylamine	3.27	42	194657	37.484	ng	98
6) Aniline	6.46	93	517285	30.928	ng	93
8) 2-Chlorophenol	6.59	128	432758	39.603	ng	97
9) Benzaldehyde	6.35	77	288141	49.351	ng	100
10) Phenol	6.46	94	512537	36.363	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	411040	38.052	ng	99
12) 1,3-Dichlorobenzene	6.75	146	443764	37.451	ng	99
13) 1,4-Dichlorobenzene	6.82	146	443936	37.678	ng	98
14) 1,2-Dichlorobenzene	6.97	146	411707	36.936	ng	99
15) Benzyl Alcohol	6.95	79	328577	36.261	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	559488	35.934	ng	99
17) 2-Methylphenol	7.06	107	338418	34.941	ng	99
18) Hexachloroethane	7.32	117	166698	39.089	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	258021	35.413	ng	100
20) 3+4-Methylphenols	7.22	107	385799	31.313	ng	97
22) Acetophenone	7.21	105	537619	40.172	ng	96
24) Nitrobenzene	7.39	77	425543	38.312	ng	98
25) Isophorone	7.63	82	780519	37.949	ng	98
26) 2-Nitrophenol	7.70	139	230626	43.718	ng	96
27) 2,4-Dimethylphenol	7.75	122	370121	43.213	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	504041	40.147	ng	100
29) 2,4-Dichlorophenol	7.95	162	345114	39.432	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	380954	39.232	ng	100
31) Naphthalene	8.11	128	1193249	39.010	ng	100
32) Benzoic acid	7.87	122	237753	36.979	ng	97
33) 4-Chloroaniline	8.16	127	377020	27.630	ng	99
34) Hexachlorobutadiene	8.23	225	221119	38.629	ng	100
35) Caprolactam	8.53	113	108539m	38.672	ng	
36) 4-Chloro-3-methylphenol	8.65	107	354517	39.495	ng	96
37) 2-Methylnaphthalene	8.80	142	798094	40.184	ng	100
38) 1-Methylnaphthalene	8.90	142	744141	39.560	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358460	40.538	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	423606	86.679	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	255898	41.102	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	266402	37.722	ng		98
46) 1,1'-Biphenyl	9.26	154	954295	41.221	ng		99
47) 2-Chloronaphthalene	9.29	162	728954	38.621	ng		98
48) 2-Nitroaniline	9.38	65	223379	39.161	ng		96
49) Acenaphthylene	9.70	152	1176466	40.122	ng		99
50) Dimethylphthalate	9.56	163	851611	38.895	ng		99
51) 2,6-Dinitrotoluene	9.63	165	192588	40.942	ng		92
52) Acenaphthene	9.87	154	780745m	41.880	ng		
53) 3-Nitroaniline	9.79	138	153088	25.949	ng		98
54) 2,4-Dinitrophenol	9.90	184	185600	69.526	ng		98
55) Dibenzofuran	10.05	168	1036695	38.455	ng		99
56) 4-Nitrophenol	9.97	139	333108	74.329	ng		95
57) 2,4-Dinitrotoluene	10.03	165	254608	41.217	ng		91
58) Fluorene	10.39	166	755199	37.560	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	225812	41.995	ng		98
60) Diethylphthalate	10.26	149	850679	38.411	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	374155	34.889	ng		98
62) 4-Nitroaniline	10.41	138	209421	36.441	ng		99
63) Azobenzene	10.54	77	802627	38.068	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	129321	40.291	ng		93
66) n-Nitrosodiphenylamine	10.50	169	719828	40.573	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	246146	39.146	ng		97
68) Hexachlorobenzene	10.93	284	280466	41.234	ng	#	92
69) Atrazine	11.03	200	201407	45.839	ng		97
70) Pentachlorophenol	11.13	266	312917	80.304	ng		98
71) Phenanthrene	11.35	178	1138212	39.242	ng		100
72) Anthracene	11.40	178	1193422	40.975	ng		100
73) Carbazole	11.56	167	1085724	37.563	ng		100
74) Di-n-butylphthalate	11.89	149	1348113	40.416	ng		99
75) Fluoranthene	12.53	202	1263413	39.297	ng		98
77) Benzidine	12.66	184	816402	71.696	ng		99
78) Pyrene	12.76	202	1278785	41.762	ng		100
80) Butylbenzylphthalate	13.38	149	578093	42.350	ng		94
81) Benzo(a)anthracene	13.95	228	1043884	39.803	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	321142	32.457	ng		99
83) Chrysene	13.99	228	1095615	39.752	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	740179	43.974	ng		100
85) Di-n-octyl phthalate	14.55	149	1399110	41.779	ng		98
87) Indeno(1,2,3-cd)pyrene	16.83	276	1232891	39.313	ng		99
88) Benzo(b)fluoranthene	14.99	252	1081173	39.665	ng		99
89) Benzo(k)fluoranthene	15.02	252	1080888	43.481	ng		99
90) Benzo(a)pyrene	15.34	252	1002807	40.324	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	1022777	39.925	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1041829	41.247	ng		99

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

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