Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
Data File : BF123204.D
Acq On : 15 Feb 2021 14:27
Operator : JU/CG
Sample : PB134648BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134648BS

Manual Integrations APPROVED
mohammad
2/16/2021 10:44:38 AM

Quant Time: Feb 15 14:53:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	152703	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	619141	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	314525	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	605175	20.00	ng		0.00
76) Chrysene-d12	14.057	240	465219	20.00	ng		0.00
86) Perylene-d12	15.533	264	377226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1181250	117.25	ng		0.02
7) Phenol-d6	6.498	99	1510720	113.55	ng		0.00
23) Nitrobenzene-d5	7.434	82	834049	70.79	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	413581	121.76	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1491595	70.87	ng		0.00
79) Terphenyl-d14	12.998	244	1627042	70.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	199789	42.57	ng		97
3) Pyridine	3.463	79	530119	43.70	ng		98
4) n-Nitrosodimethylamine	3.416	42	232892	44.54	ng		93
6) Aniline	6.534	93	519871	32.84	ng		99
8) 2-Chlorophenol	6.657	128	501505	44.40	ng		99
9) Benzaldehyde	6.416	77	214887	27.52	ng		97
10) Phenol	6.510	94	634097	43.41	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	472403	46.58	ng		99
12) 1,3-Dichlorobenzene	6.810	146	526603	44.83	ng		97
13) 1,4-Dichlorobenzene	6.886	146	540294	45.26	ng		96
14) 1,2-Dichlorobenzene	7.039	146	509896	45.82	ng		97
15) Benzyl Alcohol	7.010	79	425513	44.08	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	602390	46.00	ng		98
17) 2-Methylphenol	7.122	107	411531	45.39	ng		98
18) Hexachloroethane	7.386	117	199842	47.02	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	336018	44.06	ng		95
20) 3+4-Methylphenols	7.275	107	513284	44.58	ng		99
22) Acetophenone	7.281	105	675834	44.55	ng		98
24) Nitrobenzene	7.451	77	533811	42.74	ng		99
25) Isophorone	7.692	82	956503	43.71	ng		99
26) 2-Nitrophenol	7.769	139	273115	45.42	ng		96
27) 2,4-Dimethylphenol	7.804	122	457008	49.86	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	592954	49.94	ng		100
29) 2,4-Dichlorophenol	8.010	162	399431	44.15	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	429520	44.23	ng		99
31) Naphthalene	8.175	128	1456201	43.69	ng		99
32) Benzoic acid	7.928	122	314399	44.02	ng		95
33) 4-Chloroaniline	8.222	127	364162	26.40	ng		99
34) Hexachlorobutadiene	8.292	225	234240	43.92	ng		98
35) Caprolactam	8.592	113	139352m	43.95	ng		
36) 4-Chloro-3-methylphenol	8.704	107	486294	46.04	ng		94
37) 2-Methylnaphthalene	8.869	142	983460	44.59	ng		99
38) 1-Methylnaphthalene	8.969	142	924877	44.62	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	382410	43.90	ng	#	97
41) Hexachlorocyclopentadiene	9.028	237	455932	114.40	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	283882	43.25	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	299262	41.91	ng		95
46) 1,1'-Biphenyl	9.333	154	1142791	45.01	ng		100
47) 2-Chloronaphthalene	9.363	162	879312	43.30	ng		99
48) 2-Nitroaniline	9.451	65	302018	44.37	ng		86
49) Acenaphthylene	9.780	152	1422690	43.54	ng		99
50) Dimethylphthalate	9.639	163	1044211	45.80	ng		99
51) 2,6-Dinitrotoluene	9.698	165	240261	43.81	ng		91
52) Acenaphthene	9.951	154	1010378	47.54	ng		99
53) 3-Nitroaniline	9.863	138	185509	28.46	ng		92
54) 2,4-Dinitrophenol	9.975	184	248381	85.43	ng		95
55) Dibenzofuran	10.122	168	1218010	42.38	ng		94
56) 4-Nitrophenol	10.027	139	444576	82.99	ng		84
57) 2,4-Dinitrotoluene	10.104	165	327834	44.27	ng		97
58) Fluorene	10.469	166	962810	43.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	256109	45.31	ng	#	87
60) Diethylphthalate	10.339	149	1076043	46.52	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	444323	44.72	ng		93
62) 4-Nitroaniline	10.486	138	264771	40.28	ng		98
63) Azobenzene	10.616	77	1046274	43.24	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	165593	42.47	ng		78
66) n-Nitrosodiphenylamine	10.574	169	865429	42.32	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	282948	44.01	ng	#	89
68) Hexachlorobenzene	11.016	284	312188	44.37	ng	#	92
69) Atrazine	11.104	200	238260	39.08	ng		98
70) Pentachlorophenol	11.210	266	373289	85.13	ng		98
71) Phenanthrene	11.433	178	1481685	41.55	ng		99
72) Anthracene	11.486	178	1534269	43.05	ng		99
73) Carbazole	11.639	167	1365891	40.23	ng		99
74) Di-n-butylphthalate	11.969	149	1674423	45.85	ng		99
75) Fluoranthene	12.621	202	1521296	42.47	ng		99
77) Benzidine	12.739	184	620212	37.63	ng		99
78) Pyrene	12.857	202	1530201	44.49	ng		99
80) Butylbenzylphthalate	13.474	149	731900	48.12	ng		95
81) Benzo(a)anthracene	14.045	228	1327331	42.35	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	328188	30.22	ng	#	97
83) Chrysene	14.086	228	1304477	42.23	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	993492	50.33	ng		99
85) Di-n-octyl phthalate	14.651	149	1698350	50.02	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	1028232	39.68	ng	#	94
88) Benzo(b)fluoranthene	15.104	252	1223706	46.17	ng		98
89) Benzo(k)fluoranthene	15.133	252	1167669	47.95	ng		98
90) Benzo(a)pyrene	15.474	252	1036107	43.73	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	861451	39.19	ng		98
92) Benzo(g,h,i)perylene	17.468	276	819123	38.30	ng	#	94

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

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