Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122047.D
Acq On : 21 Oct 2020 10:57
Operator : JU/CG
Sample : PB132496BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132496BS

Manual Integrations APPROVED
mohammad
10/22/2020 12:58:56 PM

Quant Time: Oct 21 12:06:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	119722	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	458446	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	242115	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	448428	20.00	ng		0.00
76) Chrysene-d12	13.886	240	330034	20.00	ng		0.00
86) Perylene-d12	15.310	264	285238	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	931868	114.88	ng		0.02
7) Phenol-d6	6.387	99	1181414	113.14	ng		0.00
23) Nitrobenzene-d5	7.298	82	705221	78.89	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	365908	122.17	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1242327	75.50	ng		0.00
79) Terphenyl-d14	12.827	244	1390153	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	158009	44.29	ng		99
3) Pyridine	3.257	79	426806	45.50	ng		96
4) n-Nitrosodimethylamine	3.228	42	215290	47.48	ng		97
6) Aniline	6.398	93	391173	30.42	ng	#	1
8) 2-Chlorophenol	6.522	128	378796	46.20	ng		97
9) Benzaldehyde	6.281	77	181130	28.52	ng		99
10) Phenol	6.398	94	470252	43.64	ng		97
11) bis(2-Chloroethyl)ether	6.469	93	390480	46.87	ng		99
12) 1,3-Dichlorobenzene	6.669	146	416099	45.12	ng		98
13) 1,4-Dichlorobenzene	6.745	146	419037	45.26	ng		99
14) 1,2-Dichlorobenzene	6.898	146	381738	45.10	ng		98
15) Benzyl Alcohol	6.887	79	321586	47.61	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	573377	44.72	ng	#	36
17) 2-Methylphenol	6.998	107	312410	44.57	ng	#	90
18) Hexachloroethane	7.234	117	158500	47.39	ng		98
19) n-Nitroso-di-n-propyla...	7.151	70	280145	47.12	ng		99
20) 3+4-Methylphenols	7.157	107	396836	46.95	ng	#	68
22) Acetophenone	7.145	105	529087	44.85	ng		92
24) Nitrobenzene	7.322	77	431390	45.15	ng		96
25) Isophorone	7.557	82	779435	46.11	ng		99
26) 2-Nitrophenol	7.634	139	205901	46.79	ng		93
27) 2,4-Dimethylphenol	7.681	122	341326	45.50	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	493023	46.62	ng		99
29) 2,4-Dichlorophenol	7.881	162	325247	46.31	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	337631	45.21	ng		100
31) Naphthalene	8.034	128	1099097	44.75	ng		100
32) Benzoic acid	7.845	122	202647	47.38	ng		97
33) 4-Chloroaniline	8.092	127	228906	21.88	ng		98
34) Hexachlorobutadiene	8.145	225	205237	46.34	ng		100
35) Caprolactam	8.481	113	100623m	45.11	ng		
36) 4-Chloro-3-methylphenol	8.586	107	354790	47.03	ng		99
37) 2-Methylnaphthalene	8.722	142	721749	45.38	ng		99
38) 1-Methylnaphthalene	8.822	142	661373	44.90	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	342103	43.78	ng		99
41) Hexachlorocyclopentadiene	8.875	237	184720	75.38	ng		100
43) 2,4,6-Trichlorophenol	9.010	196	220176	45.67	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	230183	44.21	ng		98
46) 1,1'-Biphenyl	9.186	154	862359	43.80	ng		100
47) 2-Chloronaphthalene	9.216	162	674389	44.05	ng		98
48) 2-Nitroaniline	9.322	65	233781	46.29	ng		98
49) Acenaphthylene	9.628	152	997011	42.40	ng		100
50) Dimethylphthalate	9.492	163	810069	45.76	ng		100
51) 2,6-Dinitrotoluene	9.563	165	177508	45.71	ng		93
52) Acenaphthene	9.798	154	616852	44.10	ng		99
53) 3-Nitroaniline	9.733	138	117041	26.50	ng		98
54) 2,4-Dinitrophenol	9.851	184	160557	80.90	ng	#	81
55) Dibenzofuran	9.969	168	884461	43.24	ng		97
56) 4-Nitrophenol	9.922	139	178284	74.20	ng		89
57) 2,4-Dinitrotoluene	9.975	165	216578	45.30	ng		97
58) Fluorene	10.310	166	724285	43.95	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	184161	45.71	ng		99
60) Diethylphthalate	10.192	149	791223	46.35	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	358640	45.38	ng		99
62) 4-Nitroaniline	10.351	138	172807	39.16	ng		92
63) Azobenzene	10.463	77	818208	45.32	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	125500	42.34	ng		100
66) n-Nitrosodiphenylamine	10.428	169	685119	44.35	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	239769	46.28	ng		98
68) Hexachlorobenzene	10.863	284	264312	45.07	ng		95
69) Atrazine	10.957	200	191785	50.78	ng		99
70) Pentachlorophenol	11.063	266	199837	86.01	ng		99
71) Phenanthrene	11.275	178	1059551	43.09	ng		100
72) Anthracene	11.327	178	1097273	43.03	ng		99
73) Carbazole	11.486	167	977963	43.13	ng		100
74) Di-n-butylphthalate	11.804	149	1237723	47.45	ng		100
75) Fluoranthene	12.457	202	1145466	43.45	ng		99
77) Benzidine	12.586	184	549774	54.03	ng		100
78) Pyrene	12.692	202	1148330	45.66	ng		99
80) Butylbenzylphthalate	13.298	149	513647	51.50	ng		98
81) Benzo(a)anthracene	13.874	228	994429	45.98	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	226458	28.23	ng		99
83) Chrysene	13.916	228	961311	45.28	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	734515	54.25	ng		98
85) Di-n-octyl phthalate	14.468	149	1176947	53.73	ng		99
87) Indeno(1,2,3-cd)pyrene	16.721	276	844997	45.63	ng		98
88) Benzo(b)fluoranthene	14.904	252	931968	48.34	ng		99
89) Benzo(k)fluoranthene	14.933	252	800949	43.73	ng		99
90) Benzo(a)pyrene	15.257	252	758362	45.54	ng		100
91) Dibenzo(a,h)anthracene	16.721	278	700419	45.93	ng		99
92) Benzo(g,h,i)perylene	17.139	276	695185	45.55	ng		98

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

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