Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122076.D
Acq On : 22 Oct 2020 11:18
Operator : JU/CG
Sample : PB132523BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132523BS

Manual Integrations APPROVED
mohammad
10/23/2020 1:31:45 PM

Quant Time: Oct 22 11:44:32 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	116478	20.00	ng		0.00
21) Naphthalene-d8	8.016	136	456198	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	237959	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	445703	20.00	ng		0.00
76) Chrysene-d12	13.892	240	337027	20.00	ng		0.00
86) Perylene-d12	15.321	264	292934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	916972	116.19	ng		0.02
7) Phenol-d6	6.392	99	1154405	113.63	ng		0.01
23) Nitrobenzene-d5	7.304	82	702427	78.97	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	364923	123.97	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1213035	75.00	ng		0.00
79) Terphenyl-d14	12.833	244	1380239	78.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	144577	41.65	ng		98
3) Pyridine	3.245	79	403514	44.21	ng		99
4) n-Nitrosodimethylamine	3.210	42	214905	48.72	ng		95
6) Aniline	6.398	93	388805	31.08	ng	#	30
8) 2-Chlorophenol	6.528	128	375752	47.11	ng		95
9) Benzaldehyde	6.286	77	175001	28.26	ng		95
10) Phenol	6.404	94	459862	43.86	ng		98
11) bis(2-Chloroethyl)ether	6.475	93	380530	46.95	ng		99
12) 1,3-Dichlorobenzene	6.669	146	410693	45.77	ng		100
13) 1,4-Dichlorobenzene	6.745	146	415484	46.12	ng		98
14) 1,2-Dichlorobenzene	6.898	146	376317	45.70	ng		96
15) Benzyl Alcohol	6.886	79	316753	48.21	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.010	45	564188	45.23	ng	#	46
17) 2-Methylphenol	7.004	107	309208	45.34	ng	#	88
18) Hexachloroethane	7.233	117	154887	47.60	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	277844	48.03	ng		98
20) 3+4-Methylphenols	7.163	107	391501	47.61	ng	#	61
22) Acetophenone	7.145	105	528803	45.05	ng	#	90
24) Nitrobenzene	7.322	77	431657	45.40	ng		100
25) Isophorone	7.563	82	775519	46.11	ng		99
26) 2-Nitrophenol	7.639	139	203567	46.49	ng		98
27) 2,4-Dimethylphenol	7.680	122	336536	45.09	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	477744	45.40	ng		100
29) 2,4-Dichlorophenol	7.886	162	321768	46.04	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	336372	45.26	ng		99
31) Naphthalene	8.039	128	1098001	44.93	ng		100
32) Benzoic acid	7.857	122	181392	43.40	ng		96
33) 4-Chloroaniline	8.092	127	255253	24.52	ng		100
34) Hexachlorobutadiene	8.145	225	205813	46.70	ng		98
35) Caprolactam	8.486	113	99395m	44.78	ng		
36) 4-Chloro-3-methylphenol	8.592	107	349062	46.50	ng		98
37) 2-Methylnaphthalene	8.727	142	707666	44.71	ng		98
38) 1-Methylnaphthalene	8.822	142	652881	44.54	ng		98
40) 1,2,4,5-Tetrachloroben...	8.892	216	339115	44.15	ng		99
41) Hexachlorocyclopentadiene	8.875	237	167995	72.01	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	217011	45.79	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	221637	43.31	ng		98
46) 1,1'-Biphenyl	9.192	154	849325	43.90	ng		97
47) 2-Chloronaphthalene	9.216	162	663024	44.06	ng		99
48) 2-Nitroaniline	9.322	65	231844	46.71	ng		97
49) Acenaphthylene	9.627	152	991357	42.90	ng		100
50) Dimethylphthalate	9.492	163	791954	45.51	ng		100
51) 2,6-Dinitrotoluene	9.569	165	174207	45.64	ng		88
52) Acenaphthene	9.798	154	610410	44.41	ng		100
53) 3-Nitroaniline	9.739	138	124925	28.78	ng		98
54) 2,4-Dinitrophenol	9.863	184	159576	81.72	ng		96
55) Dibenzofuran	9.974	168	861930	42.88	ng		98
56) 4-Nitrophenol	9.927	139	163401	69.20	ng		88
57) 2,4-Dinitrotoluene	9.974	165	217856	46.36	ng	#	76
58) Fluorene	10.316	166	716530	44.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	194490	49.12	ng		96
60) Diethylphthalate	10.192	149	775394	46.21	ng		100
61) 4-Chlorophenyl-phenyle...	10.304	204	353078	45.46	ng		97
62) 4-Nitroaniline	10.357	138	172440	39.76	ng		94
63) Azobenzene	10.469	77	808452	45.56	ng		98
65) 4,6-Dinitro-2-methylph...	10.392	198	127424	43.16	ng		99
66) n-Nitrosodiphenylamine	10.427	169	673107	43.84	ng		100
67) 4-Bromophenyl-phenylether	10.792	248	235283	45.69	ng		97
68) Hexachlorobenzene	10.863	284	263648	45.24	ng		98
69) Atrazine	10.957	200	189832	50.57	ng		99
70) Pentachlorophenol	11.069	266	201057	86.97	ng		99
71) Phenanthrene	11.274	178	1063194	43.51	ng		100
72) Anthracene	11.327	178	1090407	43.02	ng		99
73) Carbazole	11.492	167	977235	43.36	ng		99
74) Di-n-butylphthalate	11.810	149	1191291	45.95	ng		99
75) Fluoranthene	12.463	202	1150296	43.90	ng		99
77) Benzidine	12.586	184	482923	46.48	ng		100
78) Pyrene	12.692	202	1154592	44.95	ng		99
80) Butylbenzylphthalate	13.304	149	509563	50.03	ng		99
81) Benzo(a)anthracene	13.880	228	1020483	46.21	ng		100
82) 3,3'-Dichlorobenzidine	13.845	252	256236	31.28	ng		99
83) Chrysene	13.921	228	992906	45.80	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	723313	52.31	ng		99
85) Di-n-octyl phthalate	14.468	149	1195628	53.45	ng		100
87) Indeno(1,2,3-cd)pyrene	16.745	276	851317	44.76	ng		98
88) Benzo(b)fluoranthene	14.915	252	921963	46.56	ng		99
89) Benzo(k)fluoranthene	14.945	252	917793	48.79	ng		99
90) Benzo(a)pyrene	15.268	252	803185	46.96	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	710165	45.35	ng		98
92) Benzo(g,h,i)perylene	17.162	276	692585	44.19	ng		97

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

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