Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122811.D
Acq On : 22 Dec 2020 12:52
Operator : JU/CG
Sample : PB133742BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations APPROVED
mohammad
12/23/2020 3:28:01 PM

Quant Time: Dec 22 13:56:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	176282	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	653609	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	347077	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	617905	20.00	ng		0.00
76) Chrysene-d12	13.992	240	491405	20.00	ng		0.00
86) Perylene-d12	15.445	264	451994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1221960	109.74	ng		0.02
7) Phenol-d6	6.463	99	1576725	106.77	ng		0.00
23) Nitrobenzene-d5	7.386	82	915872	70.21	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	493894	108.71	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1710496	66.66	ng		0.00
79) Terphenyl-d14	12.933	244	1825918	65.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	227927	43.55	ng		99
3) Pyridine	3.451	79	614105	44.39	ng		99
4) n-Nitrosodimethylamine	3.416	42	240585	43.37	ng		98
6) Aniline	6.486	93	549226	31.60	ng		100
8) 2-Chlorophenol	6.610	128	526471	42.90	ng		96
9) Benzaldehyde	6.369	77	55445	6.20	ng		95
10) Phenol	6.475	94	619179	40.46	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	505641	43.25	ng		99
12) 1,3-Dichlorobenzene	6.763	146	599916	41.31	ng		98
13) 1,4-Dichlorobenzene	6.833	146	604119	41.26	ng		98
14) 1,2-Dichlorobenzene	6.992	146	569502	40.29	ng		99
15) Benzyl Alcohol	6.969	79	421024	41.41	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	654506	39.26	ng		96
17) 2-Methylphenol	7.080	107	449918	46.12	ng		97
18) Hexachloroethane	7.328	117	221729	42.49	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	353594	41.80	ng		99
20) 3+4-Methylphenols	7.233	107	514946	41.78	ng		97
22) Acetophenone	7.233	105	698191	42.96	ng	#	96
24) Nitrobenzene	7.404	77	559023	43.08	ng		99
25) Isophorone	7.645	82	995599	44.31	ng		99
26) 2-Nitrophenol	7.722	139	295521	46.69	ng		95
27) 2,4-Dimethylphenol	7.763	122	489322	52.75	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	633716	41.18	ng		99
29) 2,4-Dichlorophenol	7.969	162	464922	42.91	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	510363	41.58	ng		99
31) Naphthalene	8.127	128	1542006	42.75	ng		100
32) Benzoic acid	7.910	122	294405	39.83	ng		96
33) 4-Chloroaniline	8.175	127	385709	25.58	ng		99
34) Hexachlorobutadiene	8.245	225	299014	39.58	ng		99
35) Caprolactam	8.557	113	135382m	41.49	ng		
36) 4-Chloro-3-methylphenol	8.669	107	473366	44.36	ng		99
37) 2-Methylnaphthalene	8.822	142	1026638	43.03	ng		98
38) 1-Methylnaphthalene	8.916	142	953271	42.24	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	479567	41.72	ng		100
41) Hexachlorocyclopentadiene	8.975	237	449580	88.45	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	324325	40.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	333810	40.67	ng		95
46) 1,1'-Biphenyl	9.280	154	1212581	42.10	ng		100
47) 2-Chloronaphthalene	9.310	162	964803	40.43	ng		99
48) 2-Nitroaniline	9.404	65	275001	39.52	ng		95
49) Acenaphthylene	9.722	152	1472931	41.78	ng		99
50) Dimethylphthalate	9.586	163	1142296	41.21	ng		100
51) 2,6-Dinitrotoluene	9.651	165	257999	44.07	ng		97
52) Acenaphthene	9.898	154	876868	38.45	ng		97
53) 3-Nitroaniline	9.816	138	177139	26.19	ng		96
54) 2,4-Dinitrophenol	9.933	184	254728	89.00	ng		92
55) Dibenzofuran	10.069	168	1314291	40.97	ng		99
56) 4-Nitrophenol	9.992	139	364100	75.49	ng		99
57) 2,4-Dinitrotoluene	10.057	165	337178	43.24	ng		96
58) Fluorene	10.410	166	1006393	39.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	287285	39.84	ng		99
60) Diethylphthalate	10.286	149	1077231	39.96	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	492625	39.21	ng		99
62) 4-Nitroaniline	10.439	138	260479	37.93	ng		93
63) Azobenzene	10.563	77	983219	39.67	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	184812	49.05	ng		96
66) n-Nitrosodiphenylamine	10.521	169	926632	42.44	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	344284	41.12	ng		93
68) Hexachlorobenzene	10.963	284	380428	41.10	ng	#	93
69) Atrazine	11.051	200	259420	36.59	ng		99
70) Pentachlorophenol	11.157	266	392649	80.06	ng		98
71) Phenanthrene	11.374	178	1487722	40.51	ng		100
72) Anthracene	11.427	178	1543409	42.38	ng		99
73) Carbazole	11.580	167	1388168	42.03	ng		99
74) Di-n-butylphthalate	11.910	149	1582667	38.14	ng		99
75) Fluoranthene	12.563	202	1548858	40.22	ng		99
77) Benzidine	12.680	184	645950	60.77	ng		100
78) Pyrene	12.792	202	1559198	41.04	ng		100
80) Butylbenzylphthalate	13.404	149	666720	38.96	ng		98
81) Benzo(a)anthracene	13.980	228	1372629	41.80	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	408166	34.70	ng		98
83) Chrysene	14.021	228	1356737	41.51	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	875926	37.38	ng		99
85) Di-n-octyl phthalate	14.574	149	1497865	38.53	ng		98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1229883	41.45	ng		99
88) Benzo(b)fluoranthene	15.027	252	1330851	41.97	ng		99
89) Benzo(k)fluoranthene	15.056	252	1307723	45.10	ng		99
90) Benzo(a)pyrene	15.392	252	1172118	42.25	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1027177	42.30	ng		99
92) Benzo(g,h,i)perylene	17.339	276	986286	41.97	ng		99

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

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