Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122698.D
Acq On : 14 Dec 2020 10:55
Operator : JU/CG
Sample : PB133577BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133577BS

Manual Integrations APPROVED
mohammad
12/17/2020 9:46:40 AM

Quant Time: Dec 14 16:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	164997	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	628844	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	340105	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	628389	20.00	ng	0.00
76) Chrysene-d12	14.010	240	534150	20.00	ng	0.00
86) Perylene-d12	15.468	264	501268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1222978	117.35	ng	0.01
7) Phenol-d6	6.481	99	1560010	112.86	ng	0.00
23) Nitrobenzene-d5	7.404	82	863784	68.82	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	519437	116.68	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1660228	66.03	ng	0.00
79) Terphenyl-d14	12.951	244	1970612	64.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	209022	42.67	ng	98
3) Pyridine	3.446	79	563941	43.56	ng	97
4) n-Nitrosodimethylamine	3.404	42	222751	42.90	ng	96
6) Aniline	6.504	93	533306	32.78	ng	98
8) 2-Chlorophenol	6.628	128	511172	44.50	ng	97
9) Benzaldehyde	6.386	77	59391	7.10	ng	92
10) Phenol	6.492	94	624090	43.57	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	485751	44.39	ng	99
12) 1,3-Dichlorobenzene	6.781	146	567881	41.78	ng	100
13) 1,4-Dichlorobenzene	6.857	146	574961	41.95	ng	99
14) 1,2-Dichlorobenzene	7.010	146	531540	40.18	ng	100
15) Benzyl Alcohol	6.981	79	417833	43.90	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	612396	39.25	ng	98
17) 2-Methylphenol	7.098	107	420979	46.10	ng	99
18) Hexachloroethane	7.351	117	203968	41.76	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	337847	42.67	ng	98
20) 3+4-Methylphenols	7.245	107	494895	42.90	ng	98
22) Acetophenone	7.251	105	661413	42.30	ng	97
24) Nitrobenzene	7.422	77	527639	42.26	ng	99
25) Isophorone	7.663	82	954830	44.17	ng	99
26) 2-Nitrophenol	7.739	139	284362	46.70	ng	92
27) 2,4-Dimethylphenol	7.775	122	457504	51.26	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	605848	40.92	ng	100
29) 2,4-Dichlorophenol	7.981	162	449412	43.12	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	477713	40.45	ng	100
31) Naphthalene	8.145	128	1477169	42.57	ng	99
32) Benzoic acid	7.922	122	309108	43.46	ng	97
33) 4-Chloroaniline	8.192	127	395702	27.28	ng	98
34) Hexachlorobutadiene	8.263	225	282073	38.81	ng	99
35) Caprolactam	8.575	113	138122m	44.00	ng	
36) 4-Chloro-3-methylphenol	8.680	107	467531	45.54	ng	99
37) 2-Methylnaphthalene	8.833	142	998997	43.52	ng	98
38) 1-Methylnaphthalene	8.933	142	924930	42.59	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	465660	41.34	ng	99
41) Hexachlorocyclopentadiene	8.992	237	446095	89.56	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	322152	41.41	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	343577	42.72	ng		99
46) 1,1'-Biphenyl	9.298	154	1191111	42.20	ng		99
47) 2-Chloronaphthalene	9.327	162	949729	40.61	ng		97
48) 2-Nitroaniline	9.422	65	274308	40.23	ng		95
49) Acenaphthylene	9.739	152	1457579	42.20	ng		100
50) Dimethylphthalate	9.604	163	1128400	41.54	ng		100
51) 2,6-Dinitrotoluene	9.663	165	256328	44.68	ng		94
52) Acenaphthene	9.910	154	1027296m	45.97	ng		
53) 3-Nitroaniline	9.833	138	178775	26.97	ng		99
54) 2,4-Dinitrophenol	9.945	184	269622	96.13	ng		93
55) Dibenzofuran	10.086	168	1316434	41.88	ng		99
56) 4-Nitrophenol	10.004	139	390916	82.71	ng		95
57) 2,4-Dinitrotoluene	10.069	165	343808	44.99	ng		99
58) Fluorene	10.427	166	1009368	40.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	296213	41.92	ng		99
60) Diethylphthalate	10.298	149	1083358	41.01	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	489670	39.77	ng		99
62) 4-Nitroaniline	10.451	138	256762	38.16	ng		96
63) Azobenzene	10.574	77	1006338	41.44	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	189632	49.49	ng		98
66) n-Nitrosodiphenylamine	10.539	169	932368	41.99	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	344176	40.42	ng	#	90
68) Hexachlorobenzene	10.974	284	384130	40.81	ng		99
69) Atrazine	11.063	200	263042	36.48	ng		99
70) Pentachlorophenol	11.174	266	424605	85.14	ng		100
71) Phenanthrene	11.392	178	1549414	41.49	ng		99
72) Anthracene	11.439	178	1592224	43.00	ng		99
73) Carbazole	11.598	167	1434528	42.71	ng		99
74) Di-n-butylphthalate	11.921	149	1668436	39.54	ng		100
75) Fluoranthene	12.580	202	1656737	42.30	ng		98
77) Benzidine	12.698	184	659545	57.09	ng		99
78) Pyrene	12.810	202	1669112	40.42	ng		99
80) Butylbenzylphthalate	13.421	149	721127	38.77	ng		99
81) Benzo(a)anthracene	13.998	228	1507134	42.22	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	442974	34.65	ng		98
83) Chrysene	14.033	228	1479743	41.65	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	972448	38.17	ng		99
85) Di-n-octyl phthalate	14.592	149	1670716	39.54	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1448693	44.03	ng		100
88) Benzo(b)fluoranthene	15.045	252	1710177	48.63	ng		99
89) Benzo(k)fluoranthene	15.074	252	1331590	41.41	ng		100
90) Benzo(a)pyrene	15.409	252	1342045	43.62	ng		100
91) Dibenzo(a,h)anthracene	16.951	278	1193892	44.33	ng		97
92) Benzo(g,h,i)perylene	17.368	276	1199149	46.01	ng		99

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

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