Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124017.D
Acq On : 21 May 2021 14:22
Operator : JU/CG
Sample : PB136581BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136581BS

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:09 PM

Quant Time: May 21 15:02:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	61614	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	227008	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	127055	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	224071	20.00	ng		0.00
76) Chrysene-d12	14.063	240	147966	20.00	ng		0.00
86) Perylene-d12	15.545	264	122784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	489692	111.59	ng		0.02
7) Phenol-d6	6.522	99	599943	105.39	ng		0.00
23) Nitrobenzene-d5	7.457	82	430666	81.74	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	180530	118.30	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	780897	75.63	ng		-0.01
79) Terphenyl-d14	13.004	244	798601	81.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	62317	32.33	ng		94
3) Pyridine	3.528	79	163312	32.83	ng		94
4) n-Nitrosodimethylamine	3.487	42	126432	39.13	ng		91
6) Aniline	6.557	93	177288	27.43	ng		98
8) 2-Chlorophenol	6.675	128	184605	40.42	ng		95
9) Benzaldehyde	6.439	77	151468	61.49	ng		87
10) Phenol	6.534	94	238489	41.45	ng		93
11) bis(2-Chloroethyl)ether	6.628	93	188963	42.26	ng		95
12) 1,3-Dichlorobenzene	6.834	146	217071m	40.80	ng		
13) 1,4-Dichlorobenzene	6.910	146	217884	40.03	ng		96
14) 1,2-Dichlorobenzene	7.063	146	208035	40.90	ng		95
15) Benzyl Alcohol	7.034	79	193756	39.41	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.169	45	369406	41.03	ng		98
17) 2-Methylphenol	7.145	107	146817	39.65	ng		94
18) Hexachloroethane	7.404	117	85977	42.62	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	156990	40.81	ng		98
20) 3+4-Methylphenols	7.298	107	196176	40.22	ng		89
22) Acetophenone	7.304	105	277020	42.97	ng	#	98
24) Nitrobenzene	7.475	77	217062	40.29	ng		97
25) Isophorone	7.716	82	389634	38.44	ng		98
26) 2-Nitrophenol	7.792	139	92938	45.86	ng		94
27) 2,4-Dimethylphenol	7.828	122	169716	43.74	ng		93
28) bis(2-Chloroethoxy)met...	7.922	93	224867	44.12	ng		96
29) 2,4-Dichlorophenol	8.033	162	155454	39.58	ng		94
30) 1,2,4-Trichlorobenzene	8.116	180	178457	40.41	ng		99
31) Naphthalene	8.198	128	540678	40.25	ng		99
32) Benzoic acid	7.951	122	79127	37.15	ng		96
33) 4-Chloroaniline	8.239	127	47946	9.37	ng		96
34) Hexachlorobutadiene	8.316	225	119026	41.17	ng		97
35) Caprolactam	8.616	113	45548m	42.59	ng		
36) 4-Chloro-3-methylphenol	8.728	107	174096	40.53	ng		90
37) 2-Methylnaphthalene	8.892	142	365147	40.10	ng		98
38) 1-Methylnaphthalene	8.992	142	333413	39.24	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	183852	40.12	ng		99
41) Hexachlorocyclopentadiene	9.045	237	265980	91.26	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	115099	38.71	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	121435	39.31	ng		98
46) 1,1'-Biphenyl	9.357	154	457373	40.87	ng		98
47) 2-Chloronaphthalene	9.380	162	338792	38.12	ng		98
48) 2-Nitroaniline	9.469	65	126869	42.27	ng		93
49) Acenaphthylene	9.798	152	527326	40.15	ng		98
50) Dimethylphthalate	9.657	163	417689	41.17	ng	#	99
51) 2,6-Dinitrotoluene	9.716	165	85023	41.44	ng		94
52) Acenaphthene	9.969	154	380036	42.27	ng		94
53) 3-Nitroaniline	9.880	138	34041	16.70	ng		95
54) 2,4-Dinitrophenol	9.992	184	81589	74.52	ng		90
55) Dibenzofuran	10.139	168	497298	38.52	ng		97
56) 4-Nitrophenol	10.045	139	135364	80.26	ng		97
57) 2,4-Dinitrotoluene	10.122	165	117364	46.64	ng	#	94
58) Fluorene	10.480	166	386051	39.68	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.257	232	99555	39.19	ng		93
60) Diethylphthalate	10.357	149	420829	41.88	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.474	204	199765	40.97	ng		97
62) 4-Nitroaniline	10.498	138	82162	40.51	ng		93
63) Azobenzene	10.633	77	434826	38.91	ng		93
65) 4,6-Dinitro-2-methylph...	10.527	198	56453	40.11	ng	#	77
66) n-Nitrosodiphenylamine	10.592	169	340558	39.78	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	119673	40.64	ng		96
68) Hexachlorobenzene	11.033	284	130967	39.84	ng		92
69) Atrazine	11.116	200	118072	48.83	ng		98
70) Pentachlorophenol	11.222	266	141613	72.66	ng		98
71) Phenanthrene	11.445	178	554113	39.02	ng		98
72) Anthracene	11.498	178	567857	39.46	ng		98
73) Carbazole	11.651	167	465809	37.00	ng		99
74) Di-n-butylphthalate	11.980	149	645471	40.97	ng		98
75) Fluoranthene	12.633	202	547807	37.25	ng		100
77) Benzidine	12.751	184	225289	63.10	ng	#	94
78) Pyrene	12.863	202	547476	41.68	ng		98
80) Butylbenzylphthalate	13.480	149	236507	45.91	ng		96
81) Benzo(a)anthracene	14.051	228	422698	39.50	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	60135	18.09	ng	#	97
83) Chrysene	14.092	228	411650	40.00	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	322370	44.35	ng		98
85) Di-n-octyl phthalate	14.657	149	491262	44.71	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	396971	41.86	ng	#	94
88) Benzo(b)fluoranthene	15.115	252	377277	39.72	ng		98
89) Benzo(k)fluoranthene	15.145	252	359128	41.49	ng		99
90) Benzo(a)pyrene	15.486	252	352565	42.94	ng		96
91) Dibenzo(a,h)anthracene	17.074	278	337324	42.24	ng		98
92) Benzo(g,h,i)perylene	17.515	276	339996	42.45	ng		99

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

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