Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
Data File : BF124019.D
Acq On : 21 May 2021 15:32
Operator : JU/CG
Sample : PB136585BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136585BS

Manual Integrations APPROVED
mohammad
5/24/2021 2:36:12 PM

Quant Time: May 21 15:58:23 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	66357	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	255712	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	139984	20.00	ng		-0.01
64) Phenanthrene-d10	11.422	188	244049	20.00	ng		0.00
76) Chrysene-d12	14.063	240	157874	20.00	ng		0.00
86) Perylene-d12	15.545	264	130381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	510480	108.01	ng		0.02
7) Phenol-d6	6.522	99	612203	99.86	ng		0.00
23) Nitrobenzene-d5	7.457	82	440548	74.23	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	189197	112.53	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	782680	68.80	ng		0.00
79) Terphenyl-d14	13.004	244	805036	77.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	63827	30.75	ng		96
3) Pyridine	3.546	79	165766	30.94	ng		94
4) n-Nitrosodimethylamine	3.504	42	135698	39.00	ng		90
6) Aniline	6.557	93	255068	36.64	ng		97
8) 2-Chlorophenol	6.675	128	184853	37.58	ng		95
9) Benzaldehyde	6.439	77	149224	56.25	ng		93
10) Phenol	6.539	94	248023	40.03	ng		94
11) bis(2-Chloroethyl)ether	6.628	93	186899	38.81	ng		98
12) 1,3-Dichlorobenzene	6.834	146	220984	38.57	ng		96
13) 1,4-Dichlorobenzene	6.910	146	222755	38.00	ng		94
14) 1,2-Dichlorobenzene	7.063	146	212192	38.74	ng		98
15) Benzyl Alcohol	7.034	79	190300	35.94	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	373607	38.54	ng		98
17) 2-Methylphenol	7.145	107	147426	36.96	ng		95
18) Hexachloroethane	7.404	117	84108	38.71	ng		90
19) n-Nitroso-di-n-propyla...	7.310	70	155064	37.43	ng		98
20) 3+4-Methylphenols	7.298	107	194949	37.11	ng		91
22) Acetophenone	7.304	105	274920	37.86	ng	#	93
24) Nitrobenzene	7.475	77	225023	37.08	ng		96
25) Isophorone	7.716	82	390592	34.21	ng		99
26) 2-Nitrophenol	7.792	139	99761	43.70	ng		92
27) 2,4-Dimethylphenol	7.828	122	172379	39.44	ng		92
28) bis(2-Chloroethoxy)met...	7.922	93	224496	39.10	ng		97
29) 2,4-Dichlorophenol	8.034	162	155391	35.12	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	179762	36.14	ng		98
31) Naphthalene	8.198	128	535730	35.40	ng		99
32) Benzoic acid	7.957	122	75958	31.66	ng		93
33) 4-Chloroaniline	8.245	127	118177	20.51	ng		94
34) Hexachlorobutadiene	8.316	225	119156	36.59	ng		98
35) Caprolactam	8.616	113	46715m	38.78	ng		
36) 4-Chloro-3-methylphenol	8.728	107	168882	34.90	ng	#	85
37) 2-Methylnaphthalene	8.892	142	374079	36.47	ng		99
38) 1-Methylnaphthalene	8.992	142	342454	35.78	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	182811	36.21	ng		99
41) Hexachlorocyclopentadiene	9.045	237	263109	81.93	ng		93
43) 2,4,6-Trichlorophenol	9.163	196	109913	33.55	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	123629	36.33	ng		95
46) 1,1'-Biphenyl	9.357	154	456612	37.03	ng		97
47) 2-Chloronaphthalene	9.380	162	336366	34.35	ng		97
48) 2-Nitroaniline	9.469	65	131075	39.64	ng		93
49) Acenaphthylene	9.798	152	518867	35.86	ng		98
50) Dimethylphthalate	9.657	163	414729	37.10	ng		98
51) 2,6-Dinitrotoluene	9.716	165	88096	38.97	ng		87
52) Acenaphthene	9.969	154	373417	37.70	ng		94
53) 3-Nitroaniline	9.880	138	60293	26.84	ng		94
54) 2,4-Dinitrophenol	9.992	184	78020	65.64	ng	#	87
55) Dibenzofuran	10.139	168	492644	34.63	ng		100
56) 4-Nitrophenol	10.045	139	136584	73.50	ng		96
57) 2,4-Dinitrotoluene	10.122	165	116425	41.99	ng	#	94
58) Fluorene	10.480	166	382853	35.72	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.257	232	99037	35.39	ng	#	95
60) Diethylphthalate	10.357	149	417480	37.71	ng		95
61) 4-Chlorophenyl-phenyle...	10.475	204	195170	36.33	ng		93
62) 4-Nitroaniline	10.498	138	88060	39.41	ng		92
63) Azobenzene	10.633	77	433378	35.20	ng		93
65) 4,6-Dinitro-2-methylph...	10.527	198	55070	36.50	ng		83
66) n-Nitrosodiphenylamine	10.592	169	334261	35.85	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	119766	37.34	ng		97
68) Hexachlorobenzene	11.033	284	131073	36.61	ng		97
69) Atrazine	11.122	200	120273	45.67	ng		97
70) Pentachlorophenol	11.227	266	135791	63.97	ng		96
71) Phenanthrene	11.445	178	552341	35.71	ng		97
72) Anthracene	11.498	178	568992	36.30	ng		99
73) Carbazole	11.651	167	467867	34.12	ng		97
74) Di-n-butylphthalate	11.980	149	640103	37.30	ng		99
75) Fluoranthene	12.633	202	546942	34.15	ng		98
77) Benzidine	12.751	184	293842	77.14	ng	#	95
78) Pyrene	12.863	202	532748	38.01	ng		98
80) Butylbenzylphthalate	13.480	149	229235	41.71	ng		95
81) Benzo(a)anthracene	14.051	228	405925	35.55	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	88793	25.03	ng		98
83) Chrysene	14.092	228	394723	35.94	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	313011	40.36	ng		100
85) Di-n-octyl phthalate	14.657	149	463206	39.51	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	383241	38.06	ng	#	95
88) Benzo(b)fluoranthene	15.110	252	370043	36.69	ng	#	97
89) Benzo(k)fluoranthene	15.145	252	343375	37.36	ng		99
90) Benzo(a)pyrene	15.486	252	335493	38.48	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	325579	38.39	ng	#	96
92) Benzo(g,h,i)perylene	17.515	276	320301	37.66	ng		97

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

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