Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124071.D
Acq On : 26 May 2021 19:04
Operator : JU/CG
Sample : PB136675BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136675BS

Manual Integrations APPROVED
mohammad
5/27/2021 1:49:00 PM

Quant Time: May 27 04:52:42 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	51629	20.00	ng		-0.01
21) Naphthalene-d8	8.175	136	193457	20.00	ng		#-0.01
39) Acenaphthene-d10	9.933	164	109117	20.00	ng		-0.01
64) Phenanthrene-d10	11.422	188	206483	20.00	ng		0.00
76) Chrysene-d12	14.068	240	144397	20.00	ng		0.00
86) Perylene-d12	15.557	264	113878	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	405082	110.16	ng		0.01
7) Phenol-d6	6.528	99	502524	105.35	ng		0.00
23) Nitrobenzene-d5	7.457	82	373762	83.24	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	182525	139.27	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	691067	77.94	ng		0.00
79) Terphenyl-d14	13.010	244	814277	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	50367	31.19	ng		98
3) Pyridine	3.510	79	128253	30.77	ng		96
4) n-Nitrosodimethylamine	3.469	42	97958	36.18	ng	#	89
6) Aniline	6.557	93	160920	29.71	ng		92
8) 2-Chlorophenol	6.681	128	153985	40.24	ng		97
9) Benzaldehyde	6.445	77	118036	57.18	ng		96
10) Phenol	6.540	94	197225	40.91	ng		91
11) bis(2-Chloroethyl)ether	6.628	93	155351	41.46	ng		99
12) 1,3-Dichlorobenzene	6.834	146	181916	40.81	ng		97
13) 1,4-Dichlorobenzene	6.910	146	181893	39.88	ng		96
14) 1,2-Dichlorobenzene	7.063	146	179067	42.01	ng		97
15) Benzyl Alcohol	7.034	79	155541	37.75	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	277535	36.79	ng		93
17) 2-Methylphenol	7.145	107	130587	42.08	ng		93
18) Hexachloroethane	7.404	117	71892	42.53	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	131613	40.83	ng		95
20) 3+4-Methylphenols	7.298	107	168471	41.22	ng		88
22) Acetophenone	7.304	105	234508	42.69	ng	#	95
24) Nitrobenzene	7.475	77	194604	42.39	ng		94
25) Isophorone	7.716	82	330679	38.28	ng		97
26) 2-Nitrophenol	7.792	139	85176	49.32	ng		97
27) 2,4-Dimethylphenol	7.828	122	132109	39.95	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	188744	43.46	ng		99
29) 2,4-Dichlorophenol	8.034	162	139746	41.75	ng		89
30) 1,2,4-Trichlorobenzene	8.116	180	155603	41.35	ng		99
31) Naphthalene	8.198	128	449756	39.28	ng		98
32) Benzoic acid	7.951	122	50916	28.05	ng		95
33) 4-Chloroaniline	8.245	127	43287	9.93	ng	#	88
34) Hexachlorobutadiene	8.316	225	106051	43.04	ng		98
35) Caprolactam	8.622	113	40970m	44.96	ng		
36) 4-Chloro-3-methylphenol	8.728	107	152160	41.57	ng		91
37) 2-Methylnaphthalene	8.892	142	316762	40.82	ng		98
38) 1-Methylnaphthalene	8.992	142	288996	39.91	ng		95
40) 1,2,4,5-Tetrachloroben...	9.057	216	164321	41.75	ng		98
41) Hexachlorocyclopentadiene	9.045	237	212285	84.81	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	98623	38.62	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	106763	40.25	ng		94
46) 1,1'-Biphenyl	9.357	154	393850	40.98	ng		96
47) 2-Chloronaphthalene	9.381	162	301743	39.53	ng		97
48) 2-Nitroaniline	9.475	65	117996	45.77	ng		98
49) Acenaphthylene	9.798	152	462829	41.04	ng		97
50) Dimethylphthalate	9.657	163	375174	43.06	ng		98
51) 2,6-Dinitrotoluene	9.716	165	80921	45.92	ng		98
52) Acenaphthene	9.969	154	299827	38.83	ng		98
53) 3-Nitroaniline	9.886	138	39796	22.73	ng		97
54) 2,4-Dinitrophenol	9.998	184	79117	83.21	ng		85
55) Dibenzofuran	10.145	168	444292	40.07	ng		99
56) 4-Nitrophenol	10.051	139	122059	84.27	ng		94
57) 2,4-Dinitrotoluene	10.122	165	113744	52.63	ng	#	91
58) Fluorene	10.486	166	348146	41.66	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.257	232	93131	42.69	ng	#	94
60) Diethylphthalate	10.357	149	384484	44.56	ng		95
61) 4-Chlorophenyl-phenyle...	10.475	204	173272	41.38	ng		96
62) 4-Nitroaniline	10.504	138	78064	44.82	ng		87
63) Azobenzene	10.633	77	385590	40.18	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	57040	43.46	ng	#	73
66) n-Nitrosodiphenylamine	10.592	169	311355	39.46	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	115364	42.51	ng	#	87
68) Hexachlorobenzene	11.033	284	131295	43.34	ng		97
69) Atrazine	11.122	200	111611	50.09	ng		99
70) Pentachlorophenol	11.227	266	131701	73.33	ng		96
71) Phenanthrene	11.451	178	526443	40.23	ng		99
72) Anthracene	11.504	178	538594	40.61	ng		98
73) Carbazole	11.657	167	446513	38.49	ng		98
74) Di-n-butylphthalate	11.980	149	606476	41.77	ng		99
75) Fluoranthene	12.639	202	547989	40.44	ng		98
77) Benzidine	12.757	184	172480	49.51	ng	#	97
78) Pyrene	12.869	202	559985	43.68	ng		98
80) Butylbenzylphthalate	13.486	149	241763	48.09	ng		98
81) Benzo(a)anthracene	14.063	228	428439	41.03	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	64413	19.85	ng		99
83) Chrysene	14.098	228	405179	40.34	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	317601	44.77	ng	#	97
85) Di-n-octyl phthalate	14.657	149	472243	44.04	ng		95
87) Indeno(1,2,3-cd)pyrene	17.074	276	345345	39.27	ng		96
88) Benzo(b)fluoranthene	15.121	252	375672	42.65	ng		96
89) Benzo(k)fluoranthene	15.157	252	325309	40.52	ng		98
90) Benzo(a)pyrene	15.498	252	321055	42.16	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	291240	39.32	ng		98
92) Benzo(g,h,i)perylene	17.533	276	277277	37.33	ng		99

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

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