Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124610.D
Acq On : 19 Jul 2021 12:00
Operator : JU/CG
Sample : PB137731BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137731BS

Manual Integrations APPROVED
mohammad
7/20/2021 11:37:43 AM

Quant Time: Jul 19 12:29:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	8941	20.00	ng		0.00
21) Naphthalene-d8	8.198	136	35770	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	19805	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	35683	20.00	ng	#	0.00
76) Chrysene-d12	14.092	240	23596	20.00	ng	#	0.00
86) Perylene-d12	15.574	264	18260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	60662	117.55	ng		0.02
7) Phenol-d6	6.545	99	72886	116.10	ng		0.00
23) Nitrobenzene-d5	7.481	82	38539	68.01	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	18527	120.21	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	90169	66.39	ng		0.00
79) Terphenyl-d14	13.033	244	86937	61.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	9118	53.04	ng	#	100
3) Pyridine	3.675	79	19091	44.10	ng		99
4) n-Nitrosodimethylamine	3.645	42	17705	50.32	ng	#	94
6) Aniline	6.586	93	24096	36.43	ng	#	96
8) 2-Chlorophenol	6.704	128	27260	47.12	ng		99
9) Benzaldehyde	6.469	77	12542	34.05	ng		93
10) Phenol	6.557	94	30786	50.23	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	23725	49.93	ng		93
12) 1,3-Dichlorobenzene	6.857	146	31085	49.09	ng		96
13) 1,4-Dichlorobenzene	6.933	146	31041	47.99	ng		98
14) 1,2-Dichlorobenzene	7.086	146	29639	48.22	ng		100
15) Benzyl Alcohol	7.057	79	20160	46.41	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.186	45	41237	50.35	ng		98
17) 2-Methylphenol	7.169	107	20468	48.33	ng		99
18) Hexachloroethane	7.428	117	11591	47.59	ng	#	88
19) n-Nitroso-di-n-propyla...	7.333	70	17064	48.35	ng		98
20) 3+4-Methylphenols	7.316	107	26808	48.08	ng		93
22) Acetophenone	7.328	105	37644	46.37	ng		96
24) Nitrobenzene	7.498	77	25603	45.57	ng		99
25) Isophorone	7.745	82	44641	42.92	ng		97
26) 2-Nitrophenol	7.816	139	14441	47.65	ng		95
27) 2,4-Dimethylphenol	7.851	122	26265	52.30	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	30085	49.58	ng		98
29) 2,4-Dichlorophenol	8.057	162	23870	46.08	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	25995	45.34	ng		99
31) Naphthalene	8.222	128	83734	45.26	ng		98
32) Benzoic acid	7.986	122	17037	45.03	ng		95
33) 4-Chloroaniline	8.263	127	13827	19.78	ng		97
34) Hexachlorobutadiene	8.339	225	14944	46.18	ng		97
35) Caprolactam	8.651	113	7166m	54.69	ng		
36) 4-Chloro-3-methylphenol	8.751	107	23024	44.95	ng		96
37) 2-Methylnaphthalene	8.916	142	57008	45.66	ng		99
38) 1-Methylnaphthalene	9.016	142	52012	44.36	ng		97
40) 1,2,4,5-Tetrachloroben...	9.080	216	24344	46.09	ng		96
41) Hexachlorocyclopentadiene	9.069	237	37395	113.33	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	18238	47.83	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	17418	44.29	ng		96
46) 1,1'-Biphenyl	9.380	154	66853	44.44	ng		98
47) 2-Chloronaphthalene	9.404	162	53010	44.95	ng		97
48) 2-Nitroaniline	9.498	65	14294	50.40	ng		95
49) Acenaphthylene	9.822	152	85583	46.50	ng		99
50) Dimethylphthalate	9.686	163	63698	46.23	ng		98
51) 2,6-Dinitrotoluene	9.745	165	13928	51.27	ng		97
52) Acenaphthene	9.998	154	58805	49.97	ng		96
53) 3-Nitroaniline	9.910	138	8925	29.44	ng		97
54) 2,4-Dinitrophenol	10.022	184	14235	100.43	ng	#	84
55) Dibenzofuran	10.169	168	76574	44.26	ng		97
56) 4-Nitrophenol	10.074	139	23291	92.32	ng		94
57) 2,4-Dinitrotoluene	10.151	165	18650	50.15	ng	#	88
58) Fluorene	10.510	166	58751	43.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.280	232	14249	46.91	ng	#	96
60) Diethylphthalate	10.386	149	66356	46.06	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	28358	46.68	ng		88
62) 4-Nitroaniline	10.539	138	13643	44.66	ng	#	81
63) Azobenzene	10.663	77	53968	42.85	ng		99
65) 4,6-Dinitro-2-methylph...	10.557	198	8523	41.81	ng		94
66) n-Nitrosodiphenylamine	10.621	169	50662	43.60	ng		95
67) 4-Bromophenyl-phenylether	10.992	248	16655	45.14	ng	#	87
68) Hexachlorobenzene	11.057	284	17121	45.29	ng		93
69) Atrazine	11.151	200	15952	44.83	ng		92
70) Pentachlorophenol	11.251	266	21391	89.46	ng		92
71) Phenanthrene	11.474	178	84907	43.61	ng		98
72) Anthracene	11.527	178	87560	44.83	ng		99
73) Carbazole	11.680	167	76201	42.23	ng		98
74) Di-n-butylphthalate	12.004	149	109623	45.09	ng		100
75) Fluoranthene	12.663	202	84265	42.90	ng		98
77) Benzidine	12.780	184	43446	49.25	ng		97
78) Pyrene	12.892	202	87105	44.43	ng		98
80) Butylbenzylphthalate	13.504	149	42644	44.99	ng		97
81) Benzo(a)anthracene	14.080	228	69293	44.28	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	14102	34.40	ng		96
83) Chrysene	14.121	228	66541	44.39	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	58438	45.92	ng		99
85) Di-n-octyl phthalate	14.680	149	90309	49.04	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	49735	46.96	ng		98
88) Benzo(b)fluoranthene	15.139	252	59970	45.76	ng		99
89) Benzo(k)fluoranthene	15.174	252	51764	43.05	ng		97
90) Benzo(a)pyrene	15.521	252	50749	46.91	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	42006	46.60	ng		96
92) Benzo(g,h,i)perylene	17.550	276	41089	46.69	ng	#	91

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

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