Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124590.D
Acq On : 16 Jul 2021 11:18
Operator : JU/CG
Sample : PB137634BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 12:23:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB137634BS

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:35 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	6072	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	25130	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	13946	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	24090	20.00	ng		0.00
76) Chrysene-d12	14.098	240	13755	20.00	ng		0.00
86) Perylene-d12	15.592	264	10500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	35377	100.94	ng		0.01
7) Phenol-d6	6.545	99	42521	99.74	ng		0.00
23) Nitrobenzene-d5	7.487	82	23513	59.07	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	10901	100.45	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	55610	58.15	ng		0.00
79) Terphenyl-d14	13.039	244	50066	61.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	4596	39.20	ng	#	100
3) Pyridine	3.604	79	9743	33.14	ng		95
4) n-Nitrosodimethylamine	3.563	42	9227	38.61	ng		90
6) Aniline	6.587	93	13038	29.02	ng		97
8) 2-Chlorophenol	6.710	128	14826	37.73	ng		97
9) Benzaldehyde	6.475	77	7407	29.61	ng	#	86
10) Phenol	6.557	94	14861	35.70	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	12721	39.42	ng		98
12) 1,3-Dichlorobenzene	6.863	146	16613	38.63	ng		98
13) 1,4-Dichlorobenzene	6.940	146	16450	37.45	ng		98
14) 1,2-Dichlorobenzene	7.092	146	15290	36.63	ng		93
15) Benzyl Alcohol	7.057	79	9868	33.45	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	21854	39.29	ng		97
17) 2-Methylphenol	7.169	107	10750	37.38	ng		95
18) Hexachloroethane	7.439	117	6115	36.97	ng		90
19) n-Nitroso-di-n-propyla...	7.334	70	8967	37.41	ng		98
20) 3+4-Methylphenols	7.316	107	14370	37.95	ng		88
22) Acetophenone	7.334	105	20051	35.16	ng		98
24) Nitrobenzene	7.504	77	13366	33.86	ng		95
25) Isophorone	7.745	82	23929	32.74	ng		99
26) 2-Nitrophenol	7.822	139	8038	37.75	ng		93
27) 2,4-Dimethylphenol	7.851	122	14464	40.99	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	16096	37.76	ng		97
29) 2,4-Dichlorophenol	8.057	162	12566	34.53	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	13700	34.02	ng		97
31) Naphthalene	8.228	128	44195	34.00	ng		98
32) Benzoic acid	7.957	122	8742	34.31	ng		94
33) 4-Chloroaniline	8.275	127	8603	17.52	ng	#	94
34) Hexachlorobutadiene	8.345	225	8057	35.44	ng		96
35) Caprolactam	8.639	113	3143m	34.14	ng		
36) 4-Chloro-3-methylphenol	8.751	107	12442	34.57	ng		99
37) 2-Methylnaphthalene	8.922	142	30647	34.94	ng		100
38) 1-Methylnaphthalene	9.022	142	27909	33.88	ng		100
40) 1,2,4,5-Tetrachloroben...	9.086	216	13066	35.13	ng	#	96
41) Hexachlorocyclopentadiene	9.075	237	20670	88.96	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	9779	36.42	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	9569	34.55	ng		93
46) 1,1'-Biphenyl	9.386	154	35389	33.41	ng		97
47) 2-Chloronaphthalene	9.410	162	28070	33.80	ng		98
48) 2-Nitroaniline	9.504	65	7427	37.19	ng		98
49) Acenaphthylene	9.828	152	45212	34.89	ng		99
50) Dimethylphthalate	9.686	163	34133	35.18	ng		99
51) 2,6-Dinitrotoluene	9.745	165	7218	37.74	ng	#	88
52) Acenaphthene	10.004	154	31684	38.24	ng		100
53) 3-Nitroaniline	9.916	138	4742	22.22	ng		94
54) 2,4-Dinitrophenol	10.022	184	7533	75.47	ng	#	83
55) Dibenzofuran	10.175	168	40901	33.57	ng		99
56) 4-Nitrophenol	10.069	139	12090	68.05	ng		94
57) 2,4-Dinitrotoluene	10.151	165	10353	39.54	ng	#	84
58) Fluorene	10.516	166	31621	33.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	7517	35.14	ng	#	96
60) Diethylphthalate	10.386	149	35212	34.71	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	15185	35.50	ng		91
62) 4-Nitroaniline	10.533	138	7645	35.54	ng	#	77
63) Azobenzene	10.669	77	29353	33.10	ng		99
65) 4,6-Dinitro-2-methylph...	10.557	198	4585	33.32	ng		85
66) n-Nitrosodiphenylamine	10.628	169	27778	35.41	ng		96
67) 4-Bromophenyl-phenylether	10.998	248	8943	35.90	ng	#	87
68) Hexachlorobenzene	11.063	284	9638	37.76	ng		97
69) Atrazine	11.151	200	8786	36.57	ng		90
70) Pentachlorophenol	11.257	266	11436	70.84	ng		95
71) Phenanthrene	11.480	178	44180	33.62	ng		100
72) Anthracene	11.533	178	46652	35.38	ng		99
73) Carbazole	11.686	167	38658	31.73	ng		99
74) Di-n-butylphthalate	12.016	149	56258	34.28	ng		99
75) Fluoranthene	12.669	202	43301	32.66	ng		98
77) Benzidine	12.786	184	18256	35.50	ng		96
78) Pyrene	12.898	202	43659	38.20	ng		96
80) Butylbenzylphthalate	13.516	149	19972	36.14	ng		97
81) Benzo(a)anthracene	14.086	228	30521	33.46	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	5967	24.97	ng		98
83) Chrysene	14.121	228	30163	34.52	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	26094	35.17	ng		100
85) Di-n-octyl phthalate	14.686	149	36703	34.19	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	24684	40.53	ng		99
88) Benzo(b)fluoranthene	15.151	252	24481	32.48	ng		98
89) Benzo(k)fluoranthene	15.180	252	23502	33.99	ng		97
90) Benzo(a)pyrene	15.527	252	22498	36.16	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	21390	41.27	ng		96
92) Benzo(g,h,i)perylene	17.562	276	19963	39.45	ng		97

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

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