Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124592.D
Acq On : 16 Jul 2021 12:36
Operator : JU/CG
Sample : PB137695BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 16 13:05:25 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 :
PB137695BS

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:44 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	6284	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	24766	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	13849	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	24728	20.00	ng		0.00
76) Chrysene-d12	14.098	240	14759	20.00	ng		0.00
86) Perylene-d12	15.592	264	11159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	50539	139.34	ng		0.01
7) Phenol-d6	6.551	99	57802	131.00	ng		0.00
23) Nitrobenzene-d5	7.492	82	36775	93.74	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	16039	148.82	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	87024	91.63	ng		0.00
79) Terphenyl-d14	13.045	244	89018	101.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	5205	42.96	ng	#	100
3) Pyridine	3.599	79	12389	40.72	ng		93
4) n-Nitrosodimethylamine	3.563	42	12246	49.52	ng	#	97
6) Aniline	6.587	93	19536	42.02	ng		97
8) 2-Chlorophenol	6.710	128	19886	48.91	ng		99
9) Benzaldehyde	6.475	77	9856	38.08	ng		97
10) Phenol	6.563	94	21523	49.96	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	17213	51.54	ng		96
12) 1,3-Dichlorobenzene	6.869	146	21877	49.16	ng		93
13) 1,4-Dichlorobenzene	6.945	146	22867	50.30	ng		96
14) 1,2-Dichlorobenzene	7.092	146	20887	48.35	ng		94
15) Benzyl Alcohol	7.063	79	14367	47.06	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	7.198	45	29400	51.07	ng		98
17) 2-Methylphenol	7.169	107	15224	51.15	ng		98
18) Hexachloroethane	7.439	117	8575	50.09	ng		91
19) n-Nitroso-di-n-propyla...	7.339	70	11930	48.09	ng	#	90
20) 3+4-Methylphenols	7.322	107	19343	49.36	ng		95
22) Acetophenone	7.334	105	27085	48.19	ng		96
24) Nitrobenzene	7.510	77	18191	46.76	ng		93
25) Isophorone	7.751	82	33069	45.92	ng		98
26) 2-Nitrophenol	7.822	139	10864	51.77	ng	#	89
27) 2,4-Dimethylphenol	7.857	122	19511	56.11	ng		97
28) bis(2-Chloroethoxy)met...	7.957	93	21561	51.32	ng		98
29) 2,4-Dichlorophenol	8.063	162	16947	47.25	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	19249	48.50	ng		98
31) Naphthalene	8.233	128	60108	46.92	ng		97
32) Benzoic acid	7.981	122	12592	47.71	ng		93
33) 4-Chloroaniline	8.275	127	13616	28.13	ng		95
34) Hexachlorobutadiene	8.345	225	10990	49.05	ng		98
35) Caprolactam	8.651	113	4940m	54.45	ng		
36) 4-Chloro-3-methylphenol	8.757	107	17205	48.51	ng		100
37) 2-Methylnaphthalene	8.922	142	41592	48.12	ng		98
38) 1-Methylnaphthalene	9.022	142	38209	47.07	ng		96
40) 1,2,4,5-Tetrachloroben...	9.092	216	17686	47.88	ng	#	98
41) Hexachlorocyclopentadiene	9.075	237	27265	118.17	ng		97
43) 2,4,6-Trichlorophenol	9.198	196	13385	50.19	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	13495	49.07	ng		96
46) 1,1'-Biphenyl	9.386	154	49814	47.36	ng		99
47) 2-Chloronaphthalene	9.416	162	39211	47.55	ng		99
48) 2-Nitroaniline	9.504	65	10940	55.17	ng		98
49) Acenaphthylene	9.833	152	61727	47.97	ng		99
50) Dimethylphthalate	9.692	163	47924	49.74	ng	#	98
51) 2,6-Dinitrotoluene	9.751	165	10319	54.33	ng		95
52) Acenaphthene	10.004	154	43385	52.72	ng		98
53) 3-Nitroaniline	9.916	138	7133	33.65	ng	#	96
54) 2,4-Dinitrophenol	10.022	184	10876	109.73	ng		91
55) Dibenzofuran	10.175	168	56794	46.94	ng		99
56) 4-Nitrophenol	10.075	139	17860	101.24	ng		93
57) 2,4-Dinitrotoluene	10.157	165	14325	55.09	ng	#	84
58) Fluorene	10.522	166	44647	47.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	10855	51.11	ng	#	95
60) Diethylphthalate	10.392	149	50479	50.11	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	20942	49.30	ng		98
62) 4-Nitroaniline	10.539	138	10503	49.17	ng		92
63) Azobenzene	10.669	77	41482	47.11	ng		99
65) 4,6-Dinitro-2-methylph...	10.563	198	6635	46.97	ng		87
66) n-Nitrosodiphenylamine	10.627	169	38389	47.68	ng		93
67) 4-Bromophenyl-phenylether	10.998	248	12690	49.63	ng	#	84
68) Hexachlorobenzene	11.069	284	13236	50.52	ng	#	87
69) Atrazine	11.157	200	12351	50.09	ng		93
70) Pentachlorophenol	11.257	266	16047	96.84	ng		94
71) Phenanthrene	11.486	178	64901	48.11	ng		98
72) Anthracene	11.539	178	67013	49.51	ng		99
73) Carbazole	11.686	167	56904	45.50	ng		99
74) Di-n-butylphthalate	12.016	149	82236	48.81	ng		99
75) Fluoranthene	12.674	202	62955	46.25	ng		98
77) Benzidine	12.792	184	29387	53.26	ng		97
78) Pyrene	12.904	202	62572	51.03	ng		98
80) Butylbenzylphthalate	13.516	149	29560	49.86	ng		98
81) Benzo(a)anthracene	14.092	228	46064	47.06	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	9758	38.06	ng		98
83) Chrysene	14.127	228	44044	46.97	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	39585	49.73	ng		99
85) Di-n-octyl phthalate	14.692	149	58251	50.57	ng		100
87) Indeno(1,2,3-cd)pyrene	17.115	276	37193	57.47	ng		97
88) Benzo(b)fluoranthene	15.151	252	37849	47.25	ng		99
89) Benzo(k)fluoranthene	15.186	252	35107	47.77	ng		98
90) Benzo(a)pyrene	15.533	252	33716	51.00	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	31807	57.74	ng		95
92) Benzo(g,h,i)perylene	17.574	276	29839	55.48	ng		91

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

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