Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124594.D
Acq On : 16 Jul 2021 13:43
Operator : JU/CG
Sample : PB137738BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137738BS

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:41 AM

Quant Time: Jul 16 14:05:37 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	6402	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	25725	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	14829	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	25975	20.00	ng		0.00
76) Chrysene-d12	14.098	240	14718	20.00	ng	#	0.00
86) Perylene-d12	15.592	264	10999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	36730	99.40	ng		0.01
7) Phenol-d6	6.545	99	44594	99.21	ng		0.00
23) Nitrobenzene-d5	7.487	82	24313	59.66	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	11745	101.78	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	58159	57.19	ng		0.00
79) Terphenyl-d14	13.039	244	52258	59.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	4778	38.64	ng	#	100
3) Pyridine	3.605	79	10183	32.85	ng		96
4) n-Nitrosodimethylamine	3.563	42	9696	38.48	ng		92
6) Aniline	6.587	93	14243	30.07	ng		95
8) 2-Chlorophenol	6.710	128	15609	37.68	ng		97
9) Benzaldehyde	6.475	77	7735	29.33	ng		92
10) Phenol	6.557	94	16000	36.46	ng		100
11) bis(2-Chloroethyl)ether	6.657	93	12870	37.83	ng		98
12) 1,3-Dichlorobenzene	6.863	146	16378	36.12	ng		94
13) 1,4-Dichlorobenzene	6.940	146	17451	37.68	ng		97
14) 1,2-Dichlorobenzene	7.093	146	16134	36.66	ng		93
15) Benzyl Alcohol	7.063	79	10956	35.23	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	23146	39.47	ng		98
17) 2-Methylphenol	7.169	107	11740	38.72	ng		96
18) Hexachloroethane	7.440	117	6733	38.61	ng	#	87
19) n-Nitroso-di-n-propyla...	7.334	70	9570	37.87	ng		97
20) 3+4-Methylphenols	7.322	107	14967	37.49	ng		87
22) Acetophenone	7.334	105	21334	36.54	ng		98
24) Nitrobenzene	7.504	77	14254	35.28	ng		98
25) Isophorone	7.745	82	24827	33.19	ng		99
26) 2-Nitrophenol	7.822	139	8273	37.95	ng		96
27) 2,4-Dimethylphenol	7.851	122	15419	42.69	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	16424	37.64	ng		98
29) 2,4-Dichlorophenol	8.057	162	13009	34.92	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	14102	34.20	ng		94
31) Naphthalene	8.228	128	46581	35.01	ng		99
32) Benzoic acid	7.957	122	9424	35.85	ng	#	88
33) 4-Chloroaniline	8.275	127	10022	19.93	ng		97
34) Hexachlorobutadiene	8.345	225	8355	35.90	ng		99
35) Caprolactam	8.639	113	3354m	35.59	ng		
36) 4-Chloro-3-methylphenol	8.751	107	13041	35.40	ng		96
37) 2-Methylnaphthalene	8.922	142	31863	35.49	ng		99
38) 1-Methylnaphthalene	9.022	142	29720	35.25	ng		95
40) 1,2,4,5-Tetrachloroben...	9.086	216	14018	35.44	ng	#	95
41) Hexachlorocyclopentadiene	9.075	237	21323	86.31	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	10072	35.27	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	9996	33.94	ng		94
46) 1,1'-Biphenyl	9.386	154	37809	33.57	ng		99
47) 2-Chloronaphthalene	9.410	162	29884	33.84	ng		96
48) 2-Nitroaniline	9.504	65	7854	36.99	ng		91
49) Acenaphthylene	9.828	152	47306	34.33	ng		98
50) Dimethylphthalate	9.686	163	36007	34.90	ng		98
51) 2,6-Dinitrotoluene	9.745	165	7709	37.90	ng		91
52) Acenaphthene	9.998	154	33737	38.29	ng		97
53) 3-Nitroaniline	9.916	138	5226	23.03	ng		92
54) 2,4-Dinitrophenol	10.022	184	7753	73.05	ng	#	88
55) Dibenzofuran	10.175	168	43952	33.93	ng		96
56) 4-Nitrophenol	10.069	139	12906	68.32	ng		97
57) 2,4-Dinitrotoluene	10.151	165	10171	36.53	ng	#	84
58) Fluorene	10.516	166	33935	33.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	8129	35.74	ng	#	95
60) Diethylphthalate	10.386	149	37814	35.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	16349	35.94	ng		91
62) 4-Nitroaniline	10.533	138	7769	33.96	ng		83
63) Azobenzene	10.669	77	31404	33.30	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	4717	31.79	ng		83
66) n-Nitrosodiphenylamine	10.628	169	29348	34.70	ng		97
67) 4-Bromophenyl-phenylether	10.998	248	9064	33.75	ng	#	88
68) Hexachlorobenzene	11.063	284	10298	37.42	ng		93
69) Atrazine	11.151	200	9569	36.94	ng		96
70) Pentachlorophenol	11.257	266	11847	68.06	ng		93
71) Phenanthrene	11.480	178	47445	33.48	ng		98
72) Anthracene	11.533	178	49295	34.67	ng		100
73) Carbazole	11.686	167	42997	32.73	ng		97
74) Di-n-butylphthalate	12.016	149	60879	34.40	ng		98
75) Fluoranthene	12.669	202	46584	32.58	ng		97
77) Benzidine	12.786	184	19817	36.02	ng		97
78) Pyrene	12.898	202	46714	38.20	ng		99
80) Butylbenzylphthalate	13.516	149	21073	35.64	ng		99
81) Benzo(a)anthracene	14.086	228	31918	32.70	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	6486	25.37	ng		99
83) Chrysene	14.121	228	30590	32.71	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	27039	34.06	ng		98
85) Di-n-octyl phthalate	14.686	149	39059	34.01	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	25444	39.89	ng		97
88) Benzo(b)fluoranthene	15.151	252	25804	32.69	ng		96
89) Benzo(k)fluoranthene	15.180	252	24205m	33.42	ng		
90) Benzo(a)pyrene	15.527	252	23374	35.87	ng		96
91) Dibenzo(a,h)anthracene	17.127	278	22689	41.79	ng		98
92) Benzo(g,h,i)perylene	17.568	276	20962	39.54	ng		96

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

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