Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125819.D
Acq On : 13 Oct 2021 10:54
Operator : JU/CG
Sample : PB139804BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139804BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:56 AM

Quant Time: Oct 13 13:27:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	252666	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1038249	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	540829	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	878462	20.00	ng		# 0.00
76) Chrysene-d12	13.998	240	432608	20.00	ng		0.00
86) Perylene-d12	15.451	264	446501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1909020	123.43	ng		0.01
7) Phenol-d6	6.481	99	2344642	117.76	ng		0.00
23) Nitrobenzene-d5	7.410	82	1453052	86.99	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	670786	125.62	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2677421	85.39	ng		0.00
79) Terphenyl-d14	12.951	244	2366621	83.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	229026	34.78	ng	#	100
3) Pyridine	3.440	79	544422	31.95	ng	#	68
4) n-Nitrosodimethylamine	3.387	42	270330	44.08	ng	#	1
6) Aniline	6.510	93	1022967	44.62	ng		94
8) 2-Chlorophenol	6.634	128	786333	46.42	ng		97
9) Benzaldehyde	6.398	77	442855	40.98	ng		93
10) Phenol	6.492	94	914918	47.25	ng		92
11) bis(2-Chloroethyl)ether	6.587	93	722882	46.08	ng		93
12) 1,3-Dichlorobenzene	6.787	146	806475	43.64	ng		97
13) 1,4-Dichlorobenzene	6.863	146	821856	43.61	ng		98
14) 1,2-Dichlorobenzene	7.016	146	795726	45.08	ng		99
15) Benzyl Alcohol	6.987	79	591993	44.86	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	911079	45.41	ng		87
17) 2-Methylphenol	7.098	107	611349	45.33	ng		97
18) Hexachloroethane	7.363	117	296514	45.69	ng	#	89
19) n-Nitroso-di-n-propyla...	7.263	70	473821	45.08	ng	#	68
20) 3+4-Methylphenols	7.251	107	705664	42.43	ng		92
22) Acetophenone	7.257	105	971572	42.57	ng	#	94
24) Nitrobenzene	7.428	77	724890	44.78	ng		96
25) Isophorone	7.669	82	1331266	44.99	ng		93
26) 2-Nitrophenol	7.745	139	415820	50.80	ng	#	93
27) 2,4-Dimethylphenol	7.781	122	699998	51.35	ng		95
28) bis(2-Chloroethoxy)met...	7.881	93	875540	42.63	ng		99
29) 2,4-Dichlorophenol	7.986	162	646474	44.02	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	676040	41.98	ng		98
31) Naphthalene	8.151	128	2149166	42.81	ng		99
32) Benzoic acid	7.910	122	479115	49.98	ng		97
33) 4-Chloroaniline	8.198	127	723988	34.46	ng		97
34) Hexachlorobutadiene	8.269	225	374902	41.68	ng		98
35) Caprolactam	8.569	113	206548m	48.68	ng		
36) 4-Chloro-3-methylphenol	8.675	107	640927	44.68	ng		97
37) 2-Methylnaphthalene	8.839	142	1467514	45.14	ng		100
38) 1-Methylnaphthalene	8.939	142	1357652	43.03	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	592860	40.84	ng		99
41) Hexachlorocyclopentadiene	8.998	237	711268	99.84	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	465428	44.24	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	490142	43.82	ng		92
46) 1,1'-Biphenyl	9.304	154	1648453	41.46	ng		96
47) 2-Chloronaphthalene	9.328	162	1377660	42.67	ng		99
48) 2-Nitroaniline	9.422	65	365205	47.12	ng		91
49) Acenaphthylene	9.745	152	2065959	43.70	ng		97
50) Dimethylphthalate	9.610	163	1554005	43.65	ng	#	98
51) 2,6-Dinitrotoluene	9.663	165	356649	49.56	ng		96
52) Acenaphthene	9.916	154	1399801	47.39	ng		98
53) 3-Nitroaniline	9.833	138	325338	38.23	ng		91
54) 2,4-Dinitrophenol	9.939	184	344793	112.88	ng	#	76
55) Dibenzofuran	10.092	168	1833998	41.45	ng		94
56) 4-Nitrophenol	9.992	139	608563	95.94	ng		88
57) 2,4-Dinitrotoluene	10.069	165	473834	52.08	ng	#	84
58) Fluorene	10.433	166	1378639	42.54	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	376983	44.65	ng	#	89
60) Diethylphthalate	10.304	149	1505818	44.33	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	638425	40.90	ng		91
62) 4-Nitroaniline	10.451	138	375880	47.80	ng	#	73
63) Azobenzene	10.580	77	1372006	42.97	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	227742	51.97	ng	#	81
66) n-Nitrosodiphenylamine	10.539	169	1294177	43.19	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	410518	42.20	ng		96
68) Hexachlorobenzene	10.980	284	479912	43.53	ng	#	83
69) Atrazine	11.069	200	414633	47.67	ng		94
70) Pentachlorophenol	11.169	266	516938	87.71	ng		95
71) Phenanthrene	11.392	178	1979294	42.11	ng		95
72) Anthracene	11.445	178	2045689	43.58	ng		97
73) Carbazole	11.592	167	1848097	42.30	ng		99
74) Di-n-butylphthalate	11.927	149	2179186	45.18	ng		99
75) Fluoranthene	12.574	202	1892194	44.62	ng		96
77) Benzidine	12.698	184	1128962	71.31	ng		97
78) Pyrene	12.804	202	1874975	42.66	ng		96
80) Butylbenzylphthalate	13.421	149	707554	50.23	ng		97
81) Benzo(a)anthracene	13.986	228	1198753	42.71	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	363672	41.01	ng		99
83) Chrysene	14.027	228	1228017	44.27	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	795583	51.90	ng		99
85) Di-n-octyl phthalate	14.592	149	1259020	49.30	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.909	276	1504511	44.15	ng		97
88) Benzo(b)fluoranthene	15.033	252	1249623	49.57	ng		98
89) Benzo(k)fluoranthene	15.062	252	1201391	46.42	ng		97
90) Benzo(a)pyrene	15.392	252	1243605	55.71	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	1267081	45.07	ng		99
92) Benzo(g,h,i)perylene	17.356	276	1280903	44.62	ng		92

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

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