Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125748.D
Acq On : 1 Oct 2021 12:37
Operator : JU/CG
Sample : PB139485BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139485BS

Manual Integrations APPROVED
mohammad
10/4/2021 11:53:29 AM

Quant Time: Oct 01 13:51:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	271440	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	1134716	20.00	ng		# 0.00
39) Acenaphthene-d10	9.927	164	594618	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	924366	20.00	ng		0.00
76) Chrysene-d12	14.051	240	469947	20.00	ng		0.00
86) Perylene-d12	15.521	264	499143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2014837	122.29	ng		0.02
7) Phenol-d6	6.522	99	2501716	112.95	ng		0.01
23) Nitrobenzene-d5	7.457	82	1530048	94.05	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	694150	125.21	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2775464	83.66	ng		0.00
79) Terphenyl-d14	12.998	244	2173865	80.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	247954	35.36	ng	#	100
3) Pyridine	3.516	79	552401	29.79	ng	#	69
4) n-Nitrosodimethylamine	3.475	42	297474	43.23	ng	#	1
6) Aniline	6.551	93	1033270	40.40	ng		95
8) 2-Chlorophenol	6.675	128	874593	46.80	ng		98
9) Benzaldehyde	6.439	77	387997	37.94	ng		93
10) Phenol	6.534	94	951077m	42.48	ng		
11) bis(2-Chloroethyl)ether	6.628	93	786677	45.21	ng		95
12) 1,3-Dichlorobenzene	6.834	146	877656	42.53	ng		96
13) 1,4-Dichlorobenzene	6.910	146	892231	42.50	ng		97
14) 1,2-Dichlorobenzene	7.063	146	870152	43.93	ng		99
15) Benzyl Alcohol	7.034	79	663208	43.17	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	977536	44.14	ng		87
17) 2-Methylphenol	7.139	107	684258	44.65	ng		98
18) Hexachloroethane	7.404	117	319166	46.83	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	516636	40.97	ng	#	66
20) 3+4-Methylphenols	7.292	107	792485	41.13	ng		93
22) Acetophenone	7.298	105	1086993	42.22	ng	#	93
24) Nitrobenzene	7.475	77	805978	48.70	ng		96
25) Isophorone	7.710	82	1475288	40.49	ng		94
26) 2-Nitrophenol	7.786	139	461108	52.50	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	789956	48.75	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	959681	46.70	ng		98
29) 2,4-Dichlorophenol	8.028	162	720978	44.79	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	742639	42.38	ng		98
31) Naphthalene	8.198	128	2372878	40.73	ng		99
32) Benzoic acid	7.951	122	542215	46.08	ng		97
33) 4-Chloroaniline	8.239	127	783087	32.04	ng		99
34) Hexachlorobutadiene	8.316	225	409990	42.44	ng		99
35) Caprolactam	8.616	113	230490m	43.88	ng		
36) 4-Chloro-3-methylphenol	8.722	107	719637	42.67	ng		97
37) 2-Methylnaphthalene	8.886	142	1612299	40.80	ng		98
38) 1-Methylnaphthalene	8.986	142	1507699	40.37	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	663320	42.89	ng		99
41) Hexachlorocyclopentadiene	9.045	237	702367	107.34	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	513455	47.35	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	539570	46.08	ng		91
46) 1,1'-Biphenyl	9.351	154	1813762	41.37	ng		96
47) 2-Chloronaphthalene	9.375	162	1517887	41.81	ng		99
48) 2-Nitroaniline	9.469	65	406953	47.57	ng		90
49) Acenaphthylene	9.792	152	2249753	41.17	ng		96
50) Dimethylphthalate	9.651	163	1700948	42.46	ng		97
51) 2,6-Dinitrotoluene	9.710	165	397333	48.63	ng		92
52) Acenaphthene	9.963	154	1519723	44.36	ng		97
53) 3-Nitroaniline	9.880	138	347903	38.05	ng		95
54) 2,4-Dinitrophenol	9.986	184	353845	88.49	ng	#	73
55) Dibenzofuran	10.133	168	2005095	39.01	ng		98
56) 4-Nitrophenol	10.039	139	622951	84.42	ng		87
57) 2,4-Dinitrotoluene	10.116	165	516477	50.47	ng	#	78
58) Fluorene	10.480	166	1489324	37.22	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	405925	45.05	ng	#	89
60) Diethylphthalate	10.351	149	1607793	41.63	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	685292	38.53	ng		89
62) 4-Nitroaniline	10.498	138	380700	41.96	ng	#	71
63) Azobenzene	10.627	77	1452234	38.95	ng		84
65) 4,6-Dinitro-2-methylph...	10.522	198	229406	50.43	ng	#	74
66) n-Nitrosodiphenylamine	10.586	169	1388628	43.76	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	439911	45.35	ng		96
68) Hexachlorobenzene	11.027	284	511805	44.95	ng	#	83
69) Atrazine	11.110	200	419368	49.84	ng		95
70) Pentachlorophenol	11.216	266	548526	91.16	ng		95
71) Phenanthrene	11.439	178	2084749	40.22	ng		96
72) Anthracene	11.492	178	2123746	41.46	ng		97
73) Carbazole	11.639	167	1891179	37.52	ng		99
74) Di-n-butylphthalate	11.969	149	2077426	40.88	ng		99
75) Fluoranthene	12.627	202	1842198	33.25	ng		98
77) Benzidine	12.739	184	654825	53.04	ng		97
78) Pyrene	12.851	202	1844875	43.44	ng		96
80) Butylbenzylphthalate	13.468	149	627727	44.63	ng		96
81) Benzo(a)anthracene	14.039	228	1337085	41.89	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	474205	51.48	ng		99
83) Chrysene	14.074	228	1323302	41.31	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	752142	46.72	ng		98
85) Di-n-octyl phthalate	14.639	149	1374754	58.22	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.015	276	1696926	50.08	ng		96
88) Benzo(b)fluoranthene	15.092	252	1573446	44.99	ng		98
89) Benzo(k)fluoranthene	15.121	252	1333292	39.79	ng	#	98
90) Benzo(a)pyrene	15.462	252	1474987	47.38	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1425479	50.34	ng		97
92) Benzo(g,h,i)perylene	17.468	276	1483484	51.29	ng		93

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

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