Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125470.D
Acq On : 14 Sep 2021 12:21
Operator : JU/CG
Sample : PB139022BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139022BSD

Manual Integrations APPROVED
mohammad
9/15/2021 4:26:56 PM

Quant Time: Sep 14 13:27:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	194380	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	775402	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	419379	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	756822	20.000	ng		0.00
76) Chrysene-d12	14.063	240	486079	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	372600	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1252143	97.502	ng		0.02
7) Phenol-d6	6.528	99	1587178	95.561	ng		0.00
23) Nitrobenzene-d5	7.445	82	1105742	71.792	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	556493	132.931	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1964251	65.278	ng		0.00
79) Terphenyl-d14	12.998	244	2284703	74.880	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	194096	30.629	ng	#	100
3) Pyridine	3.534	79	475902	28.448	ng	#	91
4) n-Nitrosodimethylamine	3.493	42	305919	36.545	ng	#	41
6) Aniline	6.545	93	664365	34.053	ng	#	87
8) 2-Chlorophenol	6.669	128	507355	38.727	ng		82
9) Benzaldehyde	6.434	77	369290	31.682	ng		94
10) Phenol	6.540	94	623891	35.869	ng	#	57
11) bis(2-Chloroethyl)ether	6.616	93	526359	38.424	ng		85
12) 1,3-Dichlorobenzene	6.822	146	555583	36.597	ng		97
13) 1,4-Dichlorobenzene	6.892	146	562822	37.207	ng		96
14) 1,2-Dichlorobenzene	7.045	146	540361	37.970	ng		98
15) Benzyl Alcohol	7.028	79	465350	36.389	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	935704	34.060	ng		86
17) 2-Methylphenol	7.139	107	438322	39.829	ng	#	87
18) Hexachloroethane	7.386	117	205545	38.804	ng	#	86
19) n-Nitroso-di-n-propyla...	7.298	70	366632	36.699	ng	#	75
20) 3+4-Methylphenols	7.292	107	482465	34.925	ng	#	71
22) Acetophenone	7.292	105	707442	35.450	ng	#	85
24) Nitrobenzene	7.469	77	590300	35.173	ng		90
25) Isophorone	7.704	82	1073204	36.120	ng	#	89
26) 2-Nitrophenol	7.781	139	287969	42.972	ng	#	82
27) 2,4-Dimethylphenol	7.822	122	443620	37.814	ng		86
28) bis(2-Chloroethoxy)met...	7.910	93	644126	39.153	ng	#	96
29) 2,4-Dichlorophenol	8.028	162	450282	37.635	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	478602	36.683	ng		93
31) Naphthalene	8.186	128	1382152	34.805	ng		98
32) Benzoic acid	7.969	122	304313	38.217	ng	#	83
33) 4-Chloroaniline	8.234	127	502570	32.103	ng	#	89
34) Hexachlorobutadiene	8.298	225	310789	37.358	ng		99
35) Caprolactam	8.628	113	141180m	45.557	ng		
36) 4-Chloro-3-methylphenol	8.728	107	498135	40.783	ng		90
37) 2-Methylnaphthalene	8.875	142	976189	37.201	ng		97
38) 1-Methylnaphthalene	8.975	142	895835	36.558	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	496235	36.217	ng		97
41) Hexachlorocyclopentadiene	9.028	237	494640	68.712	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	345998	35.863	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	372836	36.732	ng		92
46) 1,1'-Biphenyl	9.345	154	1125615	33.292	ng		99
47) 2-Chloronaphthalene	9.369	162	940455	34.228	ng		98
48) 2-Nitroaniline	9.469	65	350898	41.200	ng	#	83
49) Acenaphthylene	9.786	152	1410403	35.227	ng		98
50) Dimethylphthalate	9.645	163	1141457	39.276	ng	#	97
51) 2,6-Dinitrotoluene	9.710	165	251889	39.971	ng	#	79
52) Acenaphthene	9.957	154	824013	33.199	ng		97
53) 3-Nitroaniline	9.886	138	232361	34.191	ng		85
54) 2,4-Dinitrophenol	9.998	184	275753	110.779	ng	#	81
55) Dibenzofuran	10.133	168	1206150	33.767	ng		98
56) 4-Nitrophenol	10.063	139	351168	65.253	ng	#	80
57) 2,4-Dinitrotoluene	10.122	165	325925	42.733	ng	#	94
58) Fluorene	10.475	166	979068	37.074	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	302793	40.199	ng	#	82
60) Diethylphthalate	10.345	149	1084698	38.284	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	504327	37.771	ng		88
62) 4-Nitroaniline	10.510	138	271202	44.378	ng	#	84
63) Azobenzene	10.622	77	1088709	34.258	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	188904	47.160	ng		83
66) n-Nitrosodiphenylamine	10.586	169	955590	35.263	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	349219	38.426	ng		95
68) Hexachlorobenzene	11.022	284	379806	40.624	ng	#	85
69) Atrazine	11.116	200	328169	42.202	ng		91
70) Pentachlorophenol	11.222	266	367455	67.312	ng		91
71) Phenanthrene	11.439	178	1490636	35.746	ng		97
72) Anthracene	11.492	178	1518203	36.936	ng		98
73) Carbazole	11.651	167	1338587	35.638	ng		99
74) Di-n-butylphthalate	11.969	149	1623573	36.425	ng		100
75) Fluoranthene	12.627	202	1571785	37.986	ng		97
77) Benzidine	12.751	184	1020611	60.120	ng		98
78) Pyrene	12.863	202	1579448	37.880	ng		95
80) Butylbenzylphthalate	13.468	149	644953	39.365	ng		90
81) Benzo(a)anthracene	14.051	228	1305109	37.265	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	355457	32.742	ng	#	98
83) Chrysene	14.086	228	1252353	36.158	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	844077	37.484	ng	#	99
85) Di-n-octyl phthalate	14.639	149	1294021	34.551	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1046591	38.990	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	1088774	39.997	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	1000303	39.379	ng		98
90) Benzo(a)pyrene	15.492	252	981017	40.798	ng	#	94
91) Dibenzo(a,h)anthracene	17.080	278	874562	37.692	ng	#	94
92) Benzo(g,h,i)perylene	17.521	276	912378	40.781	ng	#	87

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

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