Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125444.D
Acq On : 13 Sep 2021 15:08
Operator : JU/CG
Sample : PB139022BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139022BS

Manual Integrations APPROVED
mohammad
9/14/2021 2:48:32 PM

Quant Time: Sep 13 15:50:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	184213	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	742996	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	402850	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	736898	20.000	ng		0.00
76) Chrysene-d12	14.074	240	466604	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	366729	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1359465	111.701	ng		0.02
7) Phenol-d6	6.534	99	1713529	108.862	ng		0.00
23) Nitrobenzene-d5	7.457	82	1196181	81.051	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	607151	150.983	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2084838	72.129	ng		0.00
79) Terphenyl-d14	13.010	244	2448689	83.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	210978	35.131	ng	#	100
3) Pyridine	3.545	79	495758	31.271	ng	#	90
4) n-Nitrosodimethylamine	3.510	42	329058	41.478	ng	#	34
6) Aniline	6.557	93	698123	37.758	ng	#	92
8) 2-Chlorophenol	6.681	128	556910	44.856	ng		83
9) Benzaldehyde	6.439	77	390078	35.312	ng		93
10) Phenol	6.545	94	680799	41.301	ng	#	67
11) bis(2-Chloroethyl)ether	6.628	93	579123	44.610	ng		88
12) 1,3-Dichlorobenzene	6.828	146	598737	41.616	ng		96
13) 1,4-Dichlorobenzene	6.904	146	604736	42.184	ng		97
14) 1,2-Dichlorobenzene	7.057	146	585668	43.425	ng		98
15) Benzyl Alcohol	7.039	79	534476	44.102	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1006641	38.665	ng		90
17) 2-Methylphenol	7.151	107	464530	44.540	ng	#	89
18) Hexachloroethane	7.398	117	224045	44.631	ng	#	87
19) n-Nitroso-di-n-propyla...	7.304	70	397542	41.990	ng	#	76
20) 3+4-Methylphenols	7.304	107	521402	39.826	ng	#	76
22) Acetophenone	7.298	105	765103	40.012	ng	#	87
24) Nitrobenzene	7.475	77	643146	39.993	ng	#	88
25) Isophorone	7.716	82	1145442	40.232	ng	#	90
26) 2-Nitrophenol	7.786	139	314155	48.924	ng	#	78
27) 2,4-Dimethylphenol	7.828	122	487215	43.341	ng		89
28) bis(2-Chloroethoxy)met...	7.922	93	706887	44.842	ng	#	96
29) 2,4-Dichlorophenol	8.033	162	484779	42.285	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	519992	41.594	ng		96
31) Naphthalene	8.192	128	1492756	39.230	ng		99
32) Benzoic acid	7.980	122	364994	47.837	ng		86
33) 4-Chloroaniline	8.245	127	515507	34.365	ng	#	90
34) Hexachlorobutadiene	8.304	225	342398	42.953	ng		98
35) Caprolactam	8.633	113	155472m	52.357	ng		
36) 4-Chloro-3-methylphenol	8.739	107	522959	44.683	ng		92
37) 2-Methylnaphthalene	8.886	142	1050556	41.781	ng		99
38) 1-Methylnaphthalene	8.986	142	966318	41.154	ng		94
40) 1,2,4,5-Tetrachloroben...	9.051	216	541338	41.129	ng		97
41) Hexachlorocyclopentadiene	9.039	237	536136	77.532	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	373423	40.294	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	399081	40.931	ng		93
46) 1,1'-Biphenyl	9.351	154	1212038	37.319	ng		99
47) 2-Chloronaphthalene	9.380	162	1010844	38.300	ng		97
48) 2-Nitroaniline	9.480	65	372456	45.525	ng	#	84
49) Acenaphthylene	9.798	152	1491738	38.787	ng		98
50) Dimethylphthalate	9.657	163	1219036	43.666	ng	#	98
51) 2,6-Dinitrotoluene	9.722	165	262395	43.347	ng	#	84
52) Acenaphthene	9.969	154	883561	37.059	ng		98
53) 3-Nitroaniline	9.892	138	243269	37.265	ng	#	76
54) 2,4-Dinitrophenol	10.004	184	321189	134.326	ng	#	84
55) Dibenzofuran	10.139	168	1293753	37.705	ng		98
56) 4-Nitrophenol	10.069	139	400781	77.527	ng	#	75
57) 2,4-Dinitrotoluene	10.127	165	348335	47.545	ng	#	91
58) Fluorene	10.486	166	1051075	41.434	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	313235	43.291	ng	#	83
60) Diethylphthalate	10.357	149	1170162	42.995	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	540918	42.173	ng	#	85
62) 4-Nitroaniline	10.516	138	292932	49.901	ng		85
63) Azobenzene	10.633	77	1174937	38.488	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	214106	54.897	ng		89
66) n-Nitrosodiphenylamine	10.598	169	1020325	38.670	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	377184	42.625	ng		94
68) Hexachlorobenzene	11.033	284	418565	45.980	ng	#	80
69) Atrazine	11.127	200	348575	46.038	ng		90
70) Pentachlorophenol	11.233	266	398781	75.025	ng		93
71) Phenanthrene	11.451	178	1571538	38.705	ng		97
72) Anthracene	11.504	178	1610183	40.233	ng		98
73) Carbazole	11.657	167	1425697	38.983	ng		99
74) Di-n-butylphthalate	11.980	149	1756816	40.480	ng		100
75) Fluoranthene	12.639	202	1677775	41.644	ng		97
77) Benzidine	12.763	184	888458	54.520	ng		98
78) Pyrene	12.874	202	1703030	42.549	ng		96
80) Butylbenzylphthalate	13.480	149	697593	44.355	ng		91
81) Benzo(a)anthracene	14.062	228	1389060	41.317	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	433224	41.571	ng	#	98
83) Chrysene	14.098	228	1352569	40.682	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	908569	42.032	ng	#	100
85) Di-n-octyl phthalate	14.651	149	1387982	38.607	ng		97
87) Indeno(1,2,3-cd)pyrene	17.086	276	1203473	45.552	ng	#	89
88) Benzo(b)fluoranthene	15.127	252	1163308	43.419	ng	#	94
89) Benzo(k)fluoranthene	15.156	252	1146101	45.842	ng		98
90) Benzo(a)pyrene	15.504	252	1094962	46.266	ng	#	95
91) Dibenzo(a,h)anthracene	17.098	278	996838	43.649	ng	#	95
92) Benzo(g,h,i)perylene	17.545	276	1037727	47.127	ng	#	88

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

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