Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125588.D
Acq On : 23 Sep 2021 12:51
Operator : JU/CG
Sample : PB139258BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB139258BSD

Quant Time: Sep 23 13:57:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	311056	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1314409	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	684649	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	1126244	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	636832	20.000	ng		0.00
86) Perylene-d12	15.539	264	572079	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2111143	107.327	ng		0.02
7) Phenol-d6	6.528	99	2542729	100.260	ng		0.00
23) Nitrobenzene-d5	7.463	82	1609315	78.092	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	738912	110.188	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2918084	75.959	ng		0.00
79) Terphenyl-d14	13.010	244	2728046	69.175	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	255289	32.190	ng	#	100
3) Pyridine	3.534	79	599981	28.233	ng	#	72
4) n-Nitrosodimethylamine	3.487	42	311361	37.148	ng	#	2
6) Aniline	6.563	93	1122318	38.438	ng		94
8) 2-Chlorophenol	6.681	128	904338	40.261	ng		98
9) Benzaldehyde	6.445	77	517581	42.561	ng		93
10) Phenol	6.539	94	971110m	37.619	ng		
11) bis(2-Chloroethyl)ether	6.634	93	830186	40.226	ng		97
12) 1,3-Dichlorobenzene	6.839	146	919479	38.087	ng		97
13) 1,4-Dichlorobenzene	6.916	146	933164	38.241	ng		98
14) 1,2-Dichlorobenzene	7.069	146	909467	39.905	ng		99
15) Benzyl Alcohol	7.039	79	695662	38.330	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1078962	37.996	ng		88
17) 2-Methylphenol	7.145	107	707539	39.462	ng		97
18) Hexachloroethane	7.416	117	340282	39.164	ng	#	90
19) n-Nitroso-di-n-propyla...	7.316	70	555866	36.621	ng	#	69
20) 3+4-Methylphenols	7.298	107	828079	37.144	ng		95
22) Acetophenone	7.310	105	1147695	37.738	ng	#	89
24) Nitrobenzene	7.481	77	838838	38.412	ng		98
25) Isophorone	7.722	82	1573123	35.472	ng		93
26) 2-Nitrophenol	7.792	139	469312	47.727	ng		90
27) 2,4-Dimethylphenol	7.828	122	817865	41.500	ng		94
28) bis(2-Chloroethoxy)met...	7.928	93	1022083	40.114	ng		97
29) 2,4-Dichlorophenol	8.033	162	744928	37.391	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	790439	37.646	ng		96
31) Naphthalene	8.204	128	2469490	36.582	ng		99
32) Benzoic acid	7.957	122	552234	46.150	ng		98
33) 4-Chloroaniline	8.245	127	784215	28.342	ng		99
34) Hexachlorobutadiene	8.322	225	440237	37.183	ng		100
35) Caprolactam	8.622	113	235458m	43.094	ng		
36) 4-Chloro-3-methylphenol	8.728	107	739770	37.800	ng		97
37) 2-Methylnaphthalene	8.892	142	1689414	36.949	ng		97
38) 1-Methylnaphthalene	8.992	142	1564856	36.477	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	667981	36.235	ng		100
41) Hexachlorocyclopentadiene	9.051	237	858429	83.267	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	537075	38.668	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	557351	38.237	ng	#	89
46) 1,1'-Biphenyl	9.363	154	1876766	36.381	ng		96
47) 2-Chloronaphthalene	9.386	162	1591594	37.147	ng		98
48) 2-Nitroaniline	9.475	65	421750	46.130	ng		95
49) Acenaphthylene	9.804	152	2348162	37.291	ng		97
50) Dimethylphthalate	9.663	163	1789457	37.977	ng		98
51) 2,6-Dinitrotoluene	9.722	165	408526	43.578	ng	#	85
52) Acenaphthene	9.975	154	1561531	39.285	ng		96
53) 3-Nitroaniline	9.886	138	343710	34.522	ng		90
54) 2,4-Dinitrophenol	9.992	184	352763	104.450	ng	#	76
55) Dibenzofuran	10.145	168	2110222	35.775	ng		99
56) 4-Nitrophenol	10.045	139	658676	81.553	ng		89
57) 2,4-Dinitrotoluene	10.122	165	537328	47.828	ng	#	86
58) Fluorene	10.486	166	1570157	34.611	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	429312	39.215	ng	#	90
60) Diethylphthalate	10.363	149	1761004	37.921	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	741724	36.762	ng		89
62) 4-Nitroaniline	10.504	138	413410	45.948	ng	#	76
63) Azobenzene	10.639	77	1616139	35.817	ng		86
65) 4,6-Dinitro-2-methylph...	10.527	198	236831	43.319	ng	#	82
66) n-Nitrosodiphenylamine	10.598	169	1481330	36.228	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	476374	37.013	ng		97
68) Hexachlorobenzene	11.039	284	549962	37.915	ng	#	79
69) Atrazine	11.121	200	476436	43.328	ng		95
70) Pentachlorophenol	11.227	266	592756	71.677	ng		96
71) Phenanthrene	11.451	178	2272115	35.915	ng		95
72) Anthracene	11.504	178	2297798	36.437	ng		97
73) Carbazole	11.651	167	2118248	35.516	ng		98
74) Di-n-butylphthalate	11.986	149	2467420	34.859	ng		99
75) Fluoranthene	12.639	202	2210788	35.620	ng		97
77) Benzidine	12.757	184	1184893	65.619	ng		98
78) Pyrene	12.868	202	2226786	37.313	ng		95
80) Butylbenzylphthalate	13.480	149	953761	39.551	ng		96
81) Benzo(a)anthracene	14.051	228	1569749	36.210	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	512073	38.553	ng	#	99
83) Chrysene	14.092	228	1604734	36.645	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1155998	39.213	ng		99
85) Di-n-octyl phthalate	14.657	149	1951985	39.822	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.039	276	1721288	41.914	ng		97
88) Benzo(b)fluoranthene	15.109	252	1583250	37.841	ng		98
89) Benzo(k)fluoranthene	15.139	252	1525371m	39.864	ng		
90) Benzo(a)pyrene	15.480	252	1502254	41.254	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1433457	41.185	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1428391	41.581	ng		93

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

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