Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125726.D
Acq On : 30 Sep 2021 10:51
Operator : JU/CG
Sample : PB139463BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139463BS

Manual Integrations APPROVED
mohammad
10/1/2021 11:28:43 AM

Quant Time: Sep 30 11:22:11 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	6.887	152	258735	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1084792	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	555317	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	906305	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	492059	20.000	ng	0.00
86) Perylene-d12	15.521	264	434901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1595265	101.583	ng	0.01
7) Phenol-d6	6.516	99	2041069	96.674	ng	0.00
23) Nitrobenzene-d5	7.451	82	1226419	78.857	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	605822	117.008	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2391692	75.965	ng	0.00
79) Terphenyl-d14	12.992	244	2236406	78.708	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	155006	23.193	ng	# 100
3) Pyridine	3.510	79	418548	23.677	ng	# 68
4) n-Nitrosodimethylamine	3.457	42	206238	31.442	ng	# 1
6) Aniline	6.551	93	847825	34.779	ng	94
8) 2-Chlorophenol	6.675	128	683866	38.390	ng	97
9) Benzaldehyde	6.434	77	249670	21.902	ng	94
10) Phenol	6.528	94	774088m	36.271	ng	
11) bis(2-Chloroethyl)ether	6.622	93	601248	36.252	ng	96
12) 1,3-Dichlorobenzene	6.834	146	641331m	32.605	ng	
13) 1,4-Dichlorobenzene	6.904	146	656532	32.807	ng	97
14) 1,2-Dichlorobenzene	7.057	146	645497	34.187	ng	99
15) Benzyl Alcohol	7.028	79	527037	35.988	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	741296	35.113	ng	87
17) 2-Methylphenol	7.140	107	554551	37.963	ng	96
18) Hexachloroethane	7.404	117	228067	35.110	ng	89
19) n-Nitroso-di-n-propyla...	7.304	70	414749	34.502	ng	# 67
20) 3+4-Methylphenols	7.287	107	668664	36.410	ng	93
22) Acetophenone	7.298	105	866565	35.204	ng	# 90
24) Nitrobenzene	7.469	77	637551	40.300	ng	97
25) Isophorone	7.710	82	1184913	34.019	ng	94
26) 2-Nitrophenol	7.787	139	359678	43.893	ng	# 93
27) 2,4-Dimethylphenol	7.822	122	653624	42.196	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	773793	39.387	ng	97
29) 2,4-Dichlorophenol	8.022	162	593390	38.564	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	590197	35.234	ng	96
31) Naphthalene	8.192	128	1921870	34.504	ng	99
32) Benzoic acid	7.940	122	435548	40.099	ng	99
33) 4-Chloroaniline	8.234	127	535922	22.938	ng	99
34) Hexachlorobutadiene	8.310	225	310729	33.643	ng	99
35) Caprolactam	8.610	113	194023m	38.639	ng	
36) 4-Chloro-3-methylphenol	8.716	107	598128	37.096	ng	98
37) 2-Methylnaphthalene	8.886	142	1330798	35.228	ng	98
38) 1-Methylnaphthalene	8.986	142	1237141	34.652	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	538008	37.252	ng	99
41) Hexachlorocyclopentadiene	9.039	237	629342	102.991	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	422323	41.699	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	458451	41.926	ng		93
46) 1,1'-Biphenyl	9.345	154	1531823	37.409	ng		97
47) 2-Chloronaphthalene	9.375	162	1280326	37.766	ng		97
48) 2-Nitroaniline	9.463	65	342941	43.330	ng		95
49) Acenaphthylene	9.792	152	1931384	37.844	ng		98
50) Dimethylphthalate	9.645	163	1433987	38.332	ng		97
51) 2,6-Dinitrotoluene	9.710	165	333087	44.070	ng	#	82
52) Acenaphthene	9.963	154	1278271	39.948	ng		98
53) 3-Nitroaniline	9.875	138	268227	31.961	ng		93
54) 2,4-Dinitrophenol	9.981	184	287994	80.644	ng	#	73
55) Dibenzofuran	10.133	168	1722248	35.875	ng		96
56) 4-Nitrophenol	10.034	139	547146	79.398	ng		90
57) 2,4-Dinitrotoluene	10.110	165	442090	46.659	ng	#	82
58) Fluorene	10.475	166	1305124	34.928	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	347857	41.335	ng	#	89
60) Diethylphthalate	10.345	149	1378474	38.220	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	598897	36.058	ng		92
62) 4-Nitroaniline	10.492	138	341116	40.336	ng	#	73
63) Azobenzene	10.628	77	1251424	35.936	ng	#	83
65) 4,6-Dinitro-2-methylph...	10.516	198	188347	43.693	ng	#	77
66) n-Nitrosodiphenylamine	10.586	169	1202670	38.656	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	381525	40.113	ng		94
68) Hexachlorobenzene	11.022	284	448568	40.183	ng	#	87
69) Atrazine	11.110	200	375394	45.505	ng		94
70) Pentachlorophenol	11.216	266	489449	82.959	ng		95
71) Phenanthrene	11.439	178	1909809	37.578	ng		97
72) Anthracene	11.486	178	1964459	39.117	ng		98
73) Carbazole	11.639	167	1772235	35.858	ng		98
74) Di-n-butylphthalate	11.969	149	1980477	39.747	ng		99
75) Fluoranthene	12.622	202	1828827	33.670	ng		96
77) Benzidine	12.739	184	933717	72.233	ng		98
78) Pyrene	12.851	202	1840098	41.379	ng		96
80) Butylbenzylphthalate	13.469	149	663913	45.085	ng		93
81) Benzo(a)anthracene	14.033	228	1246512	37.293	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	332472	34.473	ng		99
83) Chrysene	14.074	228	1250936	37.294	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	717200	42.544	ng	#	98
85) Di-n-octyl phthalate	14.639	149	1065722	43.103	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.004	276	1286736	43.587	ng		97
88) Benzo(b)fluoranthene	15.086	252	1163698	38.192	ng		99
89) Benzo(k)fluoranthene	15.121	252	1094275	37.484	ng		97
90) Benzo(a)pyrene	15.457	252	1100896	40.589	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	1071654	43.431	ng		98
92) Benzo(g,h,i)perylene	17.457	276	1117214	44.334	ng		93

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

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