Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125608.D
Acq On : 23 Sep 2021 23:58
Operator : JU/CG
Sample : M3730-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOORMSD

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:18 PM

Quant Time: Sep 24 04:20:17 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	226006	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	933611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	488373	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	848584	20.000	ng	0.00
76) Chrysene-d12	14.062	240	609532	20.000	ng	0.00
86) Perylene-d12	15.539	264	609117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1520482	106.388	ng	0.02
7) Phenol-d6	6.522	99	1731487	93.965	ng	0.00
23) Nitrobenzene-d5	7.457	82	1224065	83.625	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	607121	126.921	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2422745	90.547	ng	0.00
79) Terphenyl-d14	13.010	244	2594179	68.727	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	230218	39.953	ng	# 100
3) Pyridine	3.575	79	461250	29.873	ng	# 70
4) n-Nitrosodimethylamine	3.510	42	250894	41.198	ng	# 1
6) Aniline	6.557	93	416432	19.629	ng	94
8) 2-Chlorophenol	6.681	128	726727	44.529	ng	98
9) Benzaldehyde	6.445	77	242311	23.119	ng	95
10) Phenol	6.534	94	714779	38.109	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	676262	45.099	ng	96
12) 1,3-Dichlorobenzene	6.839	146	701247	39.978	ng	96
13) 1,4-Dichlorobenzene	6.916	146	725524	40.920	ng	98
14) 1,2-Dichlorobenzene	7.069	146	702899	42.447	ng	98
15) Benzyl Alcohol	7.034	79	573317	43.477	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	864767	41.914	ng	88
17) 2-Methylphenol	7.145	107	568951	43.674	ng	95
18) Hexachloroethane	7.410	117	257379	40.770	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	459769	41.688	ng	# 69
20) 3+4-Methylphenols	7.292	107	676104	41.740	ng	88
22) Acetophenone	7.304	105	943732	43.689	ng	# 91
24) Nitrobenzene	7.475	77	734555	47.357	ng	96
25) Isophorone	7.716	82	1286617	40.845	ng	93
26) 2-Nitrophenol	7.792	139	377671	54.073	ng	# 91
27) 2,4-Dimethylphenol	7.828	122	652731	46.630	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	853963	47.185	ng	97
29) 2,4-Dichlorophenol	8.028	162	625817	44.225	ng	95
30) 1,2,4-Trichlorobenzene	8.116	180	625406	41.935	ng	98
31) Naphthalene	8.204	128	2301135	47.992	ng	99
32) Benzoic acid	7.916	122	236309m	27.803	ng	
33) 4-Chloroaniline	8.239	127	210337	10.702	ng	98
34) Hexachlorobutadiene	8.322	225	337506	40.133	ng	97
35) Caprolactam	8.616	113	163538m	42.139	ng	
36) 4-Chloro-3-methylphenol	8.722	107	632832	45.525	ng	99
37) 2-Methylnaphthalene	8.892	142	1494500	46.018	ng	97
38) 1-Methylnaphthalene	8.992	142	1371997	45.025	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	584133	44.422	ng	99
41) Hexachlorocyclopentadiene	9.051	237	585469	79.614	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	455288	45.953	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	493537	47.467	ng		91
46) 1,1'-Biphenyl	9.357	154	1666302	45.284	ng		96
47) 2-Chloronaphthalene	9.380	162	1376969	45.054	ng		98
48) 2-Nitroaniline	9.469	65	331854	50.886	ng		95
49) Acenaphthylene	9.798	152	2072773	46.147	ng		96
50) Dimethylphthalate	9.657	163	1620917	48.225	ng		98
51) 2,6-Dinitrotoluene	9.716	165	364413	54.496	ng		90
52) Acenaphthene	9.969	154	1385885	48.879	ng		97
53) 3-Nitroaniline	9.880	138	203697	28.681	ng		94
54) 2,4-Dinitrophenol	9.986	184	147036	61.033	ng	#	70
55) Dibenzofuran	10.145	168	1977962	47.010	ng		95
56) 4-Nitrophenol	10.039	139	551299	95.691	ng		88
57) 2,4-Dinitrotoluene	10.122	165	488902	61.008	ng	#	75
58) Fluorene	10.486	166	1477980	45.672	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	368274	47.159	ng	#	90
60) Diethylphthalate	10.357	149	1558652	47.052	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	644539	44.784	ng		92
62) 4-Nitroaniline	10.498	138	304410	47.431	ng	#	74
63) Azobenzene	10.633	77	1405322	43.662	ng		86
65) 4,6-Dinitro-2-methylph...	10.522	198	134476	32.645	ng	#	81
66) n-Nitrosodiphenylamine	10.592	169	1328439	43.120	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	428744	44.212	ng		93
68) Hexachlorobenzene	11.033	284	493090	45.118	ng	#	86
69) Atrazine	11.121	200	427370	51.583	ng		93
70) Pentachlorophenol	11.227	266	489955	78.632	ng		94
71) Phenanthrene	11.451	178	2262187	47.459	ng		96
72) Anthracene	11.498	178	2177830	45.835	ng		97
73) Carbazole	11.651	167	2048508	45.585	ng		98
74) Di-n-butylphthalate	11.980	149	2401431	45.027	ng		99
75) Fluoranthene	12.633	202	2214637	47.358	ng		95
77) Benzidine	12.751	184	381657	22.083	ng		99
78) Pyrene	12.863	202	2244967	39.302	ng		95
80) Butylbenzylphthalate	13.480	149	1034828	44.835	ng		96
81) Benzo(a)anthracene	14.051	228	1791340	43.173	ng		98
82) 3,3'-Dichlorobenzidine	14.010	252	305700	24.046	ng		99
83) Chrysene	14.092	228	1861111	44.403	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1338734	47.446	ng	#	98
85) Di-n-octyl phthalate	14.657	149	2345614	49.996	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.039	276	2120681	48.499	ng		97
88) Benzo(b)fluoranthene	15.109	252	1942615	43.607	ng		99
89) Benzo(k)fluoranthene	15.139	252	1871377	45.933	ng	#	97
90) Benzo(a)pyrene	15.480	252	1842671	47.526	ng		97
91) Dibenzo(a,h)anthracene	17.062	278	1757169	47.415	ng		98
92) Benzo(g,h,i)perylene	17.498	276	1771387	48.430	ng		92

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

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