Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125659.D
Acq On : 25 Sep 2021 16:29
Operator : JU/CG
Sample : M3922-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)MS

Manual Integrations APPROVED
mohammad
9/27/2021 3:05:15 PM

Quant Time: Sep 27 01:22:26 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	6.886	152	167553	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	694357	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	365938	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	634156	20.000	ng		0.00
76) Chrysene-d12	14.045	240	395572	20.000	ng		0.00
86) Perylene-d12	15.515	264	383212	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1049110	103.160	ng		0.00
7) Phenol-d6	6.510	99	1283035	93.841	ng		0.00
23) Nitrobenzene-d5	7.445	82	756269	75.969	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	371245	108.809	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1514217	72.362	ng		0.00
79) Terphenyl-d14	12.992	244	1474835	64.566	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	170868	39.479	ng	#	100
3) Pyridine	3.475	79	369819	32.305	ng	#	70
4) n-Nitrosodimethylamine	3.422	42	174383	41.054	ng	#	1
6) Aniline	6.545	93	521467	33.032	ng		95
8) 2-Chlorophenol	6.669	128	488366	42.335	ng		99
9) Benzaldehyde	6.434	77	290342	48.414	ng		95
10) Phenol	6.522	94	561515	40.629	ng		90
11) bis(2-Chloroethyl)ether	6.622	93	439939	40.961	ng		95
12) 1,3-Dichlorobenzene	6.828	146	518001	40.666	ng		97
13) 1,4-Dichlorobenzene	6.904	146	530043	40.900	ng		99
14) 1,2-Dichlorobenzene	7.057	146	504769	41.282	ng		99
15) Benzyl Alcohol	7.022	79	375145	39.557	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	544046	39.794	ng		89
17) 2-Methylphenol	7.133	107	376680	39.819	ng		97
18) Hexachloroethane	7.404	117	181339	43.109	ng	#	87
19) n-Nitroso-di-n-propyla...	7.298	70	289103	37.138	ng	#	69
20) 3+4-Methylphenols	7.286	107	469247	39.456	ng		91
22) Acetophenone	7.292	105	623413	39.567	ng	#	90
24) Nitrobenzene	7.463	77	451658	44.602	ng		95
25) Isophorone	7.704	82	798929	35.835	ng		94
26) 2-Nitrophenol	7.781	139	244355	46.235	ng		90
27) 2,4-Dimethylphenol	7.816	122	419706	42.330	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	517855	41.181	ng		98
29) 2,4-Dichlorophenol	8.022	162	396201	40.227	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	426619	39.790	ng		95
31) Naphthalene	8.192	128	1386717	38.896	ng		99
32) Benzoic acid	7.922	122	293995	41.816	ng		98
33) 4-Chloroaniline	8.233	127	237481	15.880	ng		99
34) Hexachlorobutadiene	8.310	225	233634	39.520	ng		99
35) Caprolactam	8.598	113	128268m	39.908	ng		
36) 4-Chloro-3-methylphenol	8.710	107	401916	38.943	ng		97
37) 2-Methylnaphthalene	8.880	142	943846	39.033	ng		99
38) 1-Methylnaphthalene	8.980	142	859758	37.623	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	379131	39.837	ng		98
41) Hexachlorocyclopentadiene	9.039	237	453174	112.541	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	286439	42.919	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	302374	41.963	ng		92
46) 1,1'-Biphenyl	9.345	154	1052698	39.013	ng		98
47) 2-Chloronaphthalene	9.369	162	878486	39.323	ng		99
48) 2-Nitroaniline	9.463	65	227622	43.613	ng		85
49) Acenaphthylene	9.786	152	1356410	40.333	ng		98
50) Dimethylphthalate	9.645	163	984776	39.947	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	217766	43.755	ng	#	88
52) Acenaphthene	9.957	154	895308	42.460	ng		97
53) 3-Nitroaniline	9.869	138	150453	27.673	ng		89
54) 2,4-Dinitrophenol	9.975	184	201196	83.897	ng	#	79
55) Dibenzofuran	10.127	168	1219886	38.561	ng		96
56) 4-Nitrophenol	10.027	139	392044	86.332	ng		90
57) 2,4-Dinitrotoluene	10.104	165	290957	46.606	ng	#	86
58) Fluorene	10.474	166	917816	37.274	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	238134	42.941	ng	#	89
60) Diethylphthalate	10.345	149	939454	39.528	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	411782	37.623	ng		91
62) 4-Nitroaniline	10.486	138	232128	41.592	ng	#	75
63) Azobenzene	10.622	77	862877	37.602	ng		86
65) 4,6-Dinitro-2-methylph...	10.510	198	126077	42.190	ng	#	79
66) n-Nitrosodiphenylamine	10.580	169	830815	38.164	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	261066	39.227	ng		94
68) Hexachlorobenzene	11.021	284	309375	39.608	ng	#	83
69) Atrazine	11.104	200	263146	45.588	ng		95
70) Pentachlorophenol	11.210	266	349470	84.653	ng		94
71) Phenanthrene	11.433	178	1367190	38.446	ng		98
72) Anthracene	11.486	178	1412356	40.193	ng		98
73) Carbazole	11.633	167	1302167	37.654	ng		99
74) Di-n-butylphthalate	11.968	149	1459122	41.851	ng		99
75) Fluoranthene	12.621	202	1390799	36.594	ng		99
77) Benzidine	12.739	184	769175	74.018	ng		98
78) Pyrene	12.851	202	1393798	38.988	ng		97
80) Butylbenzylphthalate	13.463	149	545194	46.053	ng		95
81) Benzo(a)anthracene	14.033	228	993309	36.967	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	269854	34.805	ng		99
83) Chrysene	14.074	228	1014139	37.609	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	663341	48.947	ng		100
85) Di-n-octyl phthalate	14.639	149	998988	50.259	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1145290	44.028	ng		96
88) Benzo(b)fluoranthene	15.086	252	1026043	38.216	ng		98
89) Benzo(k)fluoranthene	15.115	252	894179m	34.761	ng		
90) Benzo(a)pyrene	15.456	252	960500	40.189	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	963709	44.324	ng		96
92) Benzo(g,h,i)perylene	17.456	276	986372	44.421	ng		91

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

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