Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125641.D
Acq On : 25 Sep 2021 1:59
Operator : JU/CG
Sample : M3872-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MS

Manual Integrations APPROVED
mohammad
9/27/2021 2:59:08 PM

Quant Time: Sep 25 03:03:17 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	201662	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	815034	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	415703	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	654581	20.00	ng		0.00
76) Chrysene-d12	14.045	240	396349	20.00	ng		0.00
86) Perylene-d12	15.515	264	443538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1414564	115.57	ng		0.02
7) Phenol-d6	6.516	99	1626777	98.86	ng		0.00
23) Nitrobenzene-d5	7.451	82	1112864	95.24	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	504632	130.20	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2201792	97.07	ng		0.00
79) Terphenyl-d14	12.992	244	1618037	70.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	214093	41.10	ng	#	100
3) Pyridine	3.563	79	279953	20.32	ng	#	70
4) n-Nitrosodimethylamine	3.510	42	228773	44.75	ng	#	1
6) Aniline	6.551	93	195075	10.27	ng		94
8) 2-Chlorophenol	6.675	128	647649	46.65	ng		97
9) Benzaldehyde	6.440	77	244727	30.48	ng		93
10) Phenol	6.528	94	647806m	38.94	ng		
11) bis(2-Chloroethyl)ether	6.622	93	596162	46.12	ng		99
12) 1,3-Dichlorobenzene	6.834	146	680674m	44.40	ng		
13) 1,4-Dichlorobenzene	6.904	146	693934	44.49	ng		96
14) 1,2-Dichlorobenzene	7.057	146	659199	44.79	ng		99
15) Benzyl Alcohol	7.028	79	482243	42.25	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	741451	45.06	ng		88
17) 2-Methylphenol	7.134	107	501731	44.07	ng		96
18) Hexachloroethane	7.404	117	251770	49.73	ng		90
19) n-Nitroso-di-n-propyla...	7.304	70	397908	42.47	ng	#	68
20) 3+4-Methylphenols	7.287	107	595130	41.58	ng		95
22) Acetophenone	7.298	105	833853	45.09	ng	#	90
24) Nitrobenzene	7.469	77	601024	50.56	ng		97
25) Isophorone	7.710	82	1109508	42.40	ng		94
26) 2-Nitrophenol	7.787	139	329869	52.31	ng	#	92
27) 2,4-Dimethylphenol	7.822	122	597164	51.31	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	711308	48.19	ng		97
29) 2,4-Dichlorophenol	8.022	162	536656	46.42	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	570817	45.36	ng		98
31) Naphthalene	8.198	128	4001560	95.62	ng		95
32) Benzoic acid	7.922	122	317248	39.14	ng		96
33) 4-Chloroaniline	8.228	127	64696	3.69	ng		94
34) Hexachlorobutadiene	8.310	225	313169	45.13	ng		99
35) Caprolactam	8.604	113	129026m	34.20	ng		
36) 4-Chloro-3-methylphenol	8.716	107	528437	43.62	ng		99
37) 2-Methylnaphthalene	8.886	142	1865719	65.73	ng		99
38) 1-Methylnaphthalene	8.986	142	1838036	68.52	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	504966	46.71	ng		99
41) Hexachlorocyclopentadiene	9.039	237	551793	120.63	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	386421	50.97	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	398282	48.66	ng	#	90
46) 1,1'-Biphenyl	9.345	154	1443557	47.09	ng		97
47) 2-Chloronaphthalene	9.375	162	1174577	46.28	ng		97
48) 2-Nitroaniline	9.463	65	286052	47.81	ng		94
49) Acenaphthylene	9.786	152	1756865	45.99	ng		98
50) Dimethylphthalate	9.645	163	1345128	48.03	ng		98
51) 2,6-Dinitrotoluene	9.704	165	281885	49.28	ng		96
52) Acenaphthene	9.963	154	1196556	49.95	ng		95
53) 3-Nitroaniline	9.869	138	38464	8.66	ng		90
54) 2,4-Dinitrophenol	9.975	184	226520	83.39	ng	#	82
55) Dibenzofuran	10.133	168	1588292	44.20	ng		96
56) 4-Nitrophenol	10.028	139	388576	75.33	ng		90
57) 2,4-Dinitrotoluene	10.110	165	365585	51.04	ng	#	79
58) Fluorene	10.475	166	1229315	43.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	301450	47.85	ng	#	89
60) Diethylphthalate	10.345	149	1257461	46.57	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	543103	43.68	ng		93
62) 4-Nitroaniline	10.486	138	223417	35.53	ng	#	75
63) Azobenzene	10.628	77	1079463	41.41	ng		82
65) 4,6-Dinitro-2-methylph...	10.516	198	151861	47.73	ng	#	66
66) n-Nitrosodiphenylamine	10.580	169	1019761	45.38	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	335180	48.79	ng		95
68) Hexachlorobenzene	11.022	284	386871	47.98	ng	#	86
69) Atrazine	11.104	200	182547	30.64	ng		94
70) Pentachlorophenol	11.210	266	403617	94.72	ng		96
71) Phenanthrene	11.433	178	1723003	46.94	ng		97
72) Anthracene	11.486	178	1683426	46.41	ng		98
73) Carbazole	11.633	167	1384676	38.79	ng		99
74) Di-n-butylphthalate	11.969	149	1763900	49.01	ng		99
75) Fluoranthene	12.621	202	1461564	37.26	ng		98
77) Benzidine	12.733	184	87965	8.45	ng		97
78) Pyrene	12.851	202	1452186	40.54	ng		96
80) Butylbenzylphthalate	13.469	149	593240	50.01	ng		93
81) Benzo(a)anthracene	14.033	228	1160409	43.10	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	134999	17.38	ng		100
83) Chrysene	14.074	228	1203841	44.56	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	746291	54.96	ng		99
85) Di-n-octyl phthalate	14.639	149	1373284	68.95	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.004	276	1325244	44.02	ng		97
88) Benzo(b)fluoranthene	15.086	252	1411273	45.41	ng		98
89) Benzo(k)fluoranthene	15.121	252	1221995	41.04	ng		98
90) Benzo(a)pyrene	15.457	252	1298081	46.93	ng		97
91) Dibenzo(a,h)anthracene	17.021	278	1118877	44.46	ng		97
92) Benzo(g,h,i)perylene	17.451	276	1029378	40.05	ng		94

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

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