Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125642.D
Acq On : 25 Sep 2021 2:30
Operator : JU/CG
Sample : M3872-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01MSD

Manual Integrations APPROVED
mohammad
9/27/2021 2:59:10 PM

Quant Time: Sep 25 03:03:36 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	230104	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	936014	20.00	ng		# 0.00
39) Acenaphthene-d10	9.927	164	473073	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	712904	20.00	ng		0.00
76) Chrysene-d12	14.045	240	418019	20.00	ng		0.00
86) Perylene-d12	15.515	264	477295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1478556	105.87	ng		0.02
7) Phenol-d6	6.516	99	1694136	90.23	ng		0.00
23) Nitrobenzene-d5	7.451	82	1164126	86.75	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	510810	115.81	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2283787	87.07	ng		0.00
79) Terphenyl-d14	12.992	244	1544422	63.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	218397	36.74	ng	#	100
3) Pyridine	3.569	79	303421	19.30	ng	#	72
4) n-Nitrosodimethylamine	3.516	42	236733	40.58	ng	#	1
6) Aniline	6.551	93	215004	9.92	ng		94
8) 2-Chlorophenol	6.675	128	674251	42.56	ng		98
9) Benzaldehyde	6.439	77	246088	25.51	ng		93
10) Phenol	6.528	94	665902m	35.08	ng		
11) bis(2-Chloroethyl)ether	6.622	93	620783	42.09	ng		98
12) 1,3-Dichlorobenzene	6.833	146	695800	39.78	ng		94
13) 1,4-Dichlorobenzene	6.904	146	715428	40.20	ng		96
14) 1,2-Dichlorobenzene	7.057	146	684541	40.77	ng		98
15) Benzyl Alcohol	7.028	79	500300	38.41	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	773732	41.21	ng		88
17) 2-Methylphenol	7.133	107	513990	39.56	ng		98
18) Hexachloroethane	7.404	117	257429	44.56	ng		91
19) n-Nitroso-di-n-propyla...	7.304	70	415010	38.82	ng	#	68
20) 3+4-Methylphenols	7.286	107	614830	37.64	ng		94
22) Acetophenone	7.298	105	869378	40.93	ng	#	90
24) Nitrobenzene	7.469	77	622992	45.64	ng		97
25) Isophorone	7.710	82	1150742	38.29	ng		94
26) 2-Nitrophenol	7.786	139	343839	48.01	ng	#	92
27) 2,4-Dimethylphenol	7.822	122	620894	46.45	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	733459	43.27	ng		98
29) 2,4-Dichlorophenol	8.022	162	560161	42.19	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	591798	40.95	ng		97
31) Naphthalene	8.198	128	4035388	83.97	ng	#	94
32) Benzoic acid	7.928	122	333476	36.55	ng		94
33) 4-Chloroaniline	8.233	127	46631	2.31	ng	#	94
34) Hexachlorobutadiene	8.310	225	325168	40.80	ng		99
35) Caprolactam	8.604	113	132924m	30.68	ng		
36) 4-Chloro-3-methylphenol	8.716	107	544272	39.12	ng		99
37) 2-Methylnaphthalene	8.886	142	1934039	59.33	ng		97
38) 1-Methylnaphthalene	8.986	142	1884927	61.19	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	522912	42.50	ng		99
41) Hexachlorocyclopentadiene	9.039	237	575743	110.60	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	398244	46.16	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	407507	43.75	ng		92
46) 1,1'-Biphenyl	9.345	154	1493036	42.80	ng		97
47) 2-Chloronaphthalene	9.374	162	1206887	41.79	ng		96
48) 2-Nitroaniline	9.463	65	288786	42.88	ng		94
49) Acenaphthylene	9.786	152	1800463	41.41	ng		98
50) Dimethylphthalate	9.651	163	1378205	43.25	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	292357	45.28	ng		96
52) Acenaphthene	9.963	154	1231846	45.19	ng		96
53) 3-Nitroaniline	9.869	138	39858	8.17	ng		90
54) 2,4-Dinitrophenol	9.974	184	235208	78.36	ng	#	81
55) Dibenzofuran	10.133	168	1612478	39.43	ng		95
56) 4-Nitrophenol	10.027	139	384313	65.46	ng		88
57) 2,4-Dinitrotoluene	10.110	165	374395	46.41	ng	#	80
58) Fluorene	10.474	166	1238198	38.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	303849	42.38	ng	#	89
60) Diethylphthalate	10.345	149	1280047	41.66	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	552416	39.04	ng		92
62) 4-Nitroaniline	10.486	138	217116	30.62	ng	#	75
63) Azobenzene	10.627	77	1110350	37.43	ng		83
65) 4,6-Dinitro-2-methylph...	10.516	198	156841	45.73	ng	#	65
66) n-Nitrosodiphenylamine	10.580	169	999520	40.84	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	345403	46.17	ng		96
68) Hexachlorobenzene	11.021	284	397454	45.26	ng	#	86
69) Atrazine	11.104	200	157384	24.25	ng		93
70) Pentachlorophenol	11.210	266	402285	86.68	ng		95
71) Phenanthrene	11.433	178	1719235	43.01	ng		97
72) Anthracene	11.486	178	1704646	43.15	ng		98
73) Carbazole	11.633	167	1324364	34.07	ng		99
74) Di-n-butylphthalate	11.968	149	1767427	45.09	ng		99
75) Fluoranthene	12.621	202	1412410	33.06	ng		98
77) Benzidine	12.733	184	151407	13.79	ng		97
78) Pyrene	12.851	202	1401158	37.09	ng		97
80) Butylbenzylphthalate	13.468	149	552743	44.18	ng		95
81) Benzo(a)anthracene	14.033	228	1109649	39.08	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	136553	16.67	ng		99
83) Chrysene	14.074	228	1156112	40.57	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	691941	48.32	ng		98
85) Di-n-octyl phthalate	14.639	149	1289811	61.41	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1299772	40.12	ng		97
88) Benzo(b)fluoranthene	15.086	252	1374971	41.12	ng		98
89) Benzo(k)fluoranthene	15.121	252	1201078	37.49	ng		97
90) Benzo(a)pyrene	15.456	252	1270623	42.69	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	1094391	40.41	ng		96
92) Benzo(g,h,i)perylene	17.450	276	1004493	36.32	ng		92

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

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