Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125847.D
Acq On : 14 Oct 2021 16:31
Operator : JU/CG
Sample : M4191-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6MSD

Manual Integrations APPROVED
mohammad
10/18/2021 8:34:19 AM

Quant Time: Oct 15 10:40:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	187703	20.00	ng		-0.01
21) Naphthalene-d8	8.116	136	784088	20.00	ng		#-0.01
39) Acenaphthene-d10	9.869	164	416718	20.00	ng		-0.01
64) Phenanthrene-d10	11.351	188	727058	20.00	ng		#-0.01
76) Chrysene-d12	13.986	240	417776	20.00	ng		-0.01
86) Perylene-d12	15.433	264	428816	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1365991	118.89	ng		0.00
7) Phenol-d6	6.469	99	1703865	115.19	ng		0.00
23) Nitrobenzene-d5	7.398	82	1020463	80.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.657	330	499464	121.40	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	1938124	80.22	ng		-0.01
79) Terphenyl-d14	12.933	244	1898605	69.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	197853	40.44	ng	#	100
3) Pyridine	3.381	79	449490	35.51	ng	#	69
4) n-Nitrosodimethylamine	3.328	42	208570	45.78	ng	#	1
6) Aniline	6.498	93	632933	37.17	ng		93
8) 2-Chlorophenol	6.622	128	599652	47.65	ng		97
9) Benzaldehyde	6.381	77	314559	39.19	ng		94
10) Phenol	6.481	94	701501	48.77	ng		91
11) bis(2-Chloroethyl)ether	6.569	93	530084	45.48	ng		97
12) 1,3-Dichlorobenzene	6.775	146	605129	44.08	ng		97
13) 1,4-Dichlorobenzene	6.851	146	619097	44.22	ng		99
14) 1,2-Dichlorobenzene	7.004	146	594583	45.34	ng		100
15) Benzyl Alcohol	6.975	79	456171	46.54	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.110	45	664558	44.59	ng		89
17) 2-Methylphenol	7.087	107	468458	46.76	ng		98
18) Hexachloroethane	7.351	117	218543	45.33	ng	#	86
19) n-Nitroso-di-n-propyla...	7.251	70	351269	44.99	ng	#	67
20) 3+4-Methylphenols	7.239	107	553831	44.82	ng	#	88
22) Acetophenone	7.245	105	734961	42.64	ng	#	93
24) Nitrobenzene	7.416	77	554815	45.38	ng		99
25) Isophorone	7.657	82	990607	44.33	ng		95
26) 2-Nitrophenol	7.734	139	320479	51.84	ng	#	93
27) 2,4-Dimethylphenol	7.769	122	519813	50.49	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	645648	41.62	ng		98
29) 2,4-Dichlorophenol	7.975	162	495412	44.67	ng		100
30) 1,2,4-Trichlorobenzene	8.057	180	509765	41.92	ng		96
31) Naphthalene	8.139	128	1645147	43.39	ng		100
32) Benzoic acid	7.892	122	355878	49.16	ng		99
33) 4-Chloroaniline	8.181	127	294382	18.55	ng		100
34) Hexachlorobutadiene	8.257	225	273113	40.21	ng		99
35) Caprolactam	8.557	113	167982m	52.43	ng		
36) 4-Chloro-3-methylphenol	8.669	107	503620	46.48	ng		97
37) 2-Methylnaphthalene	8.828	142	1124336	45.79	ng		97
38) 1-Methylnaphthalene	8.928	142	1045743	43.89	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	461683	41.28	ng		98
41) Hexachlorocyclopentadiene	8.986	237	507866	92.52	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	357469	44.10	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	382061	44.33	ng	#	91
46) 1,1'-Biphenyl	9.292	154	1276840	41.68	ng		97
47) 2-Chloronaphthalene	9.316	162	1074034	43.17	ng		98
48) 2-Nitroaniline	9.410	65	294170	49.26	ng		91
49) Acenaphthylene	9.733	152	1633405	44.84	ng		98
50) Dimethylphthalate	9.592	163	1217889	44.40	ng		98
51) 2,6-Dinitrotoluene	9.651	165	282914	51.02	ng		95
52) Acenaphthene	9.904	154	1104067	48.51	ng		98
53) 3-Nitroaniline	9.822	138	231676	35.34	ng	#	99
54) 2,4-Dinitrophenol	9.928	184	260820	110.82	ng	#	72
55) Dibenzofuran	10.075	168	1484440	43.54	ng		97
56) 4-Nitrophenol	9.980	139	487690	99.79	ng		87
57) 2,4-Dinitrotoluene	10.057	165	385488	54.98	ng	#	79
58) Fluorene	10.416	166	1123935	45.01	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	288322	44.32	ng	#	90
60) Diethylphthalate	10.292	149	1169723	44.69	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	505765	42.05	ng		89
62) 4-Nitroaniline	10.433	138	301028	49.69	ng	#	75
63) Azobenzene	10.569	77	1073847	43.65	ng		85
65) 4,6-Dinitro-2-methylph...	10.463	198	176523	48.67	ng	#	74
66) n-Nitrosodiphenylamine	10.528	169	1024127	41.29	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	324749	40.33	ng		97
68) Hexachlorobenzene	10.969	284	381439	41.80	ng	#	80
69) Atrazine	11.057	200	327710	45.52	ng		92
70) Pentachlorophenol	11.157	266	400625	82.13	ng		95
71) Phenanthrene	11.380	178	1717303	44.15	ng		96
72) Anthracene	11.427	178	1713709	44.11	ng		98
73) Carbazole	11.580	167	1531510	42.35	ng		99
74) Di-n-butylphthalate	11.916	149	1804030	45.19	ng		98
75) Fluoranthene	12.563	202	1725276	49.15	ng		95
77) Benzidine	12.680	184	854525	55.89	ng		98
78) Pyrene	12.792	202	1720173	40.53	ng		95
80) Butylbenzylphthalate	13.410	149	643157	47.28	ng		96
81) Benzo(a)anthracene	13.974	228	1197896	44.20	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	289301	33.78	ng		99
83) Chrysene	14.015	228	1236413	46.15	ng		97
84) Bis(2-ethylhexyl)phtha...	13.968	149	809810	54.71	ng	#	98
85) Di-n-octyl phthalate	14.574	149	1322978	53.64	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.886	276	1332280	40.71	ng		97
88) Benzo(b)fluoranthene	15.015	252	1236258	51.06	ng		97
89) Benzo(k)fluoranthene	15.045	252	1196415	48.13	ng	#	97
90) Benzo(a)pyrene	15.380	252	1208595	56.37	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	1109333	41.09	ng		97
92) Benzo(g,h,i)perylene	17.327	276	1137142	41.24	ng		93

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

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