Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126816.D
Acq On : 04 Feb 2022 17:38
Operator : CG/JU
Sample : N1356-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 04 23:54:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	140965	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	557135	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	301428	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	513738	20.000	ng	0.00
76) Chrysene-d12	14.133	240	298851	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	245194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1263469	122.763	ng	0.02
7) Phenol-d6	6.575	99	1666884	117.085	ng	0.00
23) Nitrobenzene-d5	7.516	82	1313946	88.263	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	419772	134.184	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1650037	90.641	ng	0.00
79) Terphenyl-d14	13.075	244	1861029	104.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	224862	43.176	ng	# 76
3) Pyridine	3.675	79	468653	33.183	ng	# 82
4) n-Nitrosodimethylamine	3.640	42	219690	50.359	ng	# 66
6) Aniline	6.616	93	428099	23.566	ng	97
8) 2-Chlorophenol	6.734	128	496989	52.811	ng	96
9) Benzaldehyde	6.504	77	346190	38.651	ng	87
10) Phenol	6.587	94	713211m	46.804	ng	
11) bis(2-Chloroethyl)ether	6.687	93	635685	51.781	ng	92
12) 1,3-Dichlorobenzene	6.893	146	504231	47.585	ng	96
13) 1,4-Dichlorobenzene	6.969	146	512070	47.811	ng	95
14) 1,2-Dichlorobenzene	7.116	146	493701	47.435	ng	97
15) Benzyl Alcohol	7.087	79	571677	50.259	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	685399	51.824	ng	80
17) 2-Methylphenol	7.193	107	479604	51.825	ng	# 93
18) Hexachloroethane	7.463	117	204115	48.651	ng	# 88
19) n-Nitroso-di-n-propyla...	7.363	70	461781	49.260	ng	# 83
20) 3+4-Methylphenols	7.345	107	557991	47.873	ng	# 82
22) Acetophenone	7.357	105	763663	47.369	ng	# 91
24) Nitrobenzene	7.534	77	733715	49.651	ng	# 88
25) Isophorone	7.769	82	1323022	51.784	ng	94
26) 2-Nitrophenol	7.845	139	252181	51.203	ng	# 74
27) 2,4-Dimethylphenol	7.875	122	479552	55.749	ng	88
28) bis(2-Chloroethoxy)met...	7.975	93	795544	49.097	ng	97
29) 2,4-Dichlorophenol	8.087	162	417667	49.323	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	423848	46.544	ng	98
31) Naphthalene	8.257	128	1386521	47.613	ng	99
32) Benzoic acid	7.987	122	261578	39.404	ng	# 72
33) 4-Chloroaniline	8.298	127	107605	9.145	ng	# 93
34) Hexachlorobutadiene	8.363	225	257721	45.151	ng	97
35) Caprolactam	8.675	113	128744m	41.783	ng	
36) 4-Chloro-3-methylphenol	8.775	107	539495	49.983	ng	87
37) 2-Methylnaphthalene	8.945	142	892447	49.736	ng	97
38) 1-Methylnaphthalene	9.045	142	840878	48.683	ng	97
40) 1,2,4,5-Tetrachloroben...	9.110	216	417150	48.065	ng	96
41) Hexachlorocyclopentadiene	9.092	237	501482	100.246	ng	94
43) 2,4,6-Trichlorophenol	9.222	196	293466	47.999	ng	100

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44) 2,4,5-Trichlorophenol	9.257	196	322304	50.493	ng		94
46) 1,1'-Biphenyl	9.410	154	1092620	49.493	ng		96
47) 2-Chloronaphthalene	9.439	162	859629	49.122	ng		100
48) 2-Nitroaniline	9.534	65	362721	50.837	ng		93
49) Acenaphthylene	9.857	152	1393390	51.570	ng		98
50) Dimethylphthalate	9.716	163	1066925	51.207	ng		99
51) 2,6-Dinitrotoluene	9.775	165	232361	54.290	ng		88
52) Acenaphthene	10.028	154	928449	53.894	ng		97
53) 3-Nitroaniline	9.945	138	122782	25.175	ng	#	85
54) 2,4-Dinitrophenol	10.051	184	215751	95.698	ng		92
55) Dibenzofuran	10.198	168	1208316	47.519	ng		98
56) 4-Nitrophenol	10.104	139	343860	93.096	ng	#	78
57) 2,4-Dinitrotoluene	10.181	165	312301	53.838	ng	#	94
58) Fluorene	10.545	166	924130	49.120	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	264577	47.889	ng	#	83
60) Diethylphthalate	10.410	149	1005517	49.116	ng		98
61) 4-Chlorophenyl-phenyle...	10.533	204	456852	48.006	ng		88
62) 4-Nitroaniline	10.569	138	228357	49.343	ng	#	80
63) Azobenzene	10.692	77	1384561	48.743	ng		91
65) 4,6-Dinitro-2-methylph...	10.586	198	147318	47.271	ng		96
66) n-Nitrosodiphenylamine	10.651	169	828337	50.139	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	292077	49.670	ng	#	88
68) Hexachlorobenzene	11.086	284	321288	49.933	ng		91
69) Atrazine	11.181	200	274109	51.133	ng		92
70) Pentachlorophenol	11.281	266	354297	94.379	ng		96
71) Phenanthrene	11.510	178	1386898	48.744	ng		100
72) Anthracene	11.563	178	1414059	49.619	ng		100
73) Carbazole	11.716	167	1222602	45.476	ng		98
74) Di-n-butylphthalate	12.039	149	1545872	49.594	ng		98
75) Fluoranthene	12.698	202	1369664	47.326	ng		98
77) Benzidine	12.816	184	233463	34.053	ng		99
78) Pyrene	12.933	202	1361650	57.013	ng		99
80) Butylbenzylphthalate	13.545	149	574073	57.930	ng	#	96
81) Benzo(a)anthracene	14.121	228	1030141	51.659	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	149307	26.144	ng	#	96
83) Chrysene	14.157	228	960156	50.854	ng		98
84) Bis(2-ethylhexyl)phtha...	14.098	149	746759	57.919	ng	#	99
85) Di-n-octyl phthalate	14.716	149	1033262	56.205	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.198	276	896159	59.923	ng	#	90
88) Benzo(b)fluoranthene	15.192	252	837167	52.216	ng	#	95
89) Benzo(k)fluoranthene	15.227	252	771692	48.252	ng	#	95
90) Benzo(a)pyrene	15.580	252	794915	62.198	ng	#	95
91) Dibenzo(a,h)anthracene	17.221	278	769406	62.811	ng	#	94
92) Benzo(g,h,i)perylene	17.674	276	748488	61.863	ng	#	91

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

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