Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
Data File : BF123288.D
Acq On : 23 Feb 2021 19:08
Operator : JU/CG
Sample : M1454-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MS

Manual Integrations APPROVED
mohammad
2/24/2021 10:19:47 AM

Quant Time: Feb 23 23:54:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	111066	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	459138	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	243059	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	464037	20.00	ng		0.00
76) Chrysene-d12	14.045	240	379905	20.00	ng		0.00
86) Perylene-d12	15.515	264	313013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	451244	58.48	ng		0.00
7) Phenol-d6	6.487	99	381436	36.39	ng		0.00
23) Nitrobenzene-d5	7.422	82	745927	74.37	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	328801	132.85	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1296245	76.61	ng		0.00
79) Terphenyl-d14	12.986	244	1580550	80.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	54945	12.34	ng		90
3) Pyridine	3.351	79	137675	12.69	ng		94
4) n-Nitrosodimethylamine	3.281	42	83555	16.65	ng		87
6) Aniline	6.516	93	301670	24.36	ng		93
8) 2-Chlorophenol	6.645	128	313253	37.79	ng		96
9) Benzaldehyde	6.404	77	144626	23.62	ng		93
10) Phenol	6.504	94	204327	17.89	ng		98
11) bis(2-Chloroethyl)ether	6.587	93	343262	41.89	ng		94
12) 1,3-Dichlorobenzene	6.798	146	338011	39.20	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	344244	39.17	ng		93
14) 1,2-Dichlorobenzene	7.028	146	330730	40.45	ng		95
15) Benzyl Alcohol	6.998	79	245968	30.09	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	449565	40.00	ng		96
17) 2-Methylphenol	7.116	107	235934	33.84	ng		93
18) Hexachloroethane	7.369	117	131040	41.28	ng		90
19) n-Nitroso-di-n-propyla...	7.275	70	287961	46.17	ng		96
20) 3+4-Methylphenols	7.269	107	265768	29.03	ng	#	61
22) Acetophenone	7.269	105	547226	45.95	ng		96
24) Nitrobenzene	7.439	77	432801	40.93	ng		89
25) Isophorone	7.681	82	785664	41.89	ng		97
26) 2-Nitrophenol	7.757	139	189955	42.88	ng	#	85
27) 2,4-Dimethylphenol	7.798	122	290371	42.34	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	452940	46.14	ng		99
29) 2,4-Dichlorophenol	8.004	162	296564	41.89	ng		93
30) 1,2,4-Trichlorobenzene	8.086	180	311515	40.47	ng		99
31) Naphthalene	8.163	128	1086166	43.16	ng		99
32) Benzoic acid	7.904	122	75728	14.97	ng		90
33) 4-Chloroaniline	8.210	127	224570	21.93	ng	#	92
34) Hexachlorobutadiene	8.281	225	166457	38.33	ng		98
35) Caprolactam	8.598	113	22862m	9.62	ng		
36) 4-Chloro-3-methylphenol	8.692	107	384263	45.66	ng		87
37) 2-Methylnaphthalene	8.857	142	738775	44.08	ng		97
38) 1-Methylnaphthalene	8.957	142	690318	44.03	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	321651	44.29	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	306708	90.14	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	232826	45.20	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	259613	47.10	ng	#	93
46) 1,1'-Biphenyl	9.322	154	913797	45.32	ng		99
47) 2-Chloronaphthalene	9.351	162	692528	43.53	ng		99
48) 2-Nitroaniline	9.445	65	285519	50.09	ng	#	74
49) Acenaphthylene	9.769	152	1096302	45.43	ng		99
50) Dimethylphthalate	9.627	163	905058	49.79	ng		100
51) 2,6-Dinitrotoluene	9.686	165	203681	48.62	ng	#	69
52) Acenaphthene	9.939	154	863094m	51.87	ng		
53) 3-Nitroaniline	9.857	138	132544	28.51	ng		83
54) 2,4-Dinitrophenol	9.969	184	219509	99.76	ng		91
55) Dibenzofuran	10.110	168	1024182	45.47	ng		96
56) 4-Nitrophenol	10.022	139	143682	38.78	ng	#	61
57) 2,4-Dinitrotoluene	10.092	165	278096	49.37	ng	#	86
58) Fluorene	10.457	166	847498	47.80	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	217506	49.46	ng	#	85
60) Diethylphthalate	10.327	149	892453	49.58	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	396115	46.94	ng		96
62) 4-Nitroaniline	10.475	138	217548	46.48	ng		83
63) Azobenzene	10.604	77	949382	45.78	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	154150	49.35	ng		85
66) n-Nitrosodiphenylamine	10.569	169	737173	45.94	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	238637	47.17	ng		97
68) Hexachlorobenzene	11.004	284	258329	48.48	ng	#	92
69) Atrazine	11.098	200	216715	42.74	ng		98
70) Pentachlorophenol	11.204	266	317688	94.41	ng		99
71) Phenanthrene	11.422	178	1295911	47.22	ng		99
72) Anthracene	11.474	178	1314584	48.01	ng		99
73) Carbazole	11.627	167	1172532	45.47	ng		99
74) Di-n-butylphthalate	11.957	149	1385110	48.05	ng		99
75) Fluoranthene	12.616	202	1386199	47.66	ng		97
77) Benzidine	12.733	184	334144	27.23	ng		99
78) Pyrene	12.845	202	1400460	47.22	ng		99
80) Butylbenzylphthalate	13.463	149	606882	48.40	ng		95
81) Benzo(a)anthracene	14.033	228	1189680	46.08	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	258893	30.16	ng		100
83) Chrysene	14.074	228	1169671	46.13	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	815985	47.28	ng		99
85) Di-n-octyl phthalate	14.639	149	1367474	46.37	ng		97
87) Indeno(1,2,3-cd)pyrene	17.003	276	981573	45.38	ng		98
88) Benzo(b)fluoranthene	15.092	252	1113197	50.64	ng		99
89) Benzo(k)fluoranthene	15.121	252	1039142	52.14	ng		100
90) Benzo(a)pyrene	15.457	252	931598	47.52	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	814644	43.89	ng		99
92) Benzo(g,h,i)perylene	17.451	276	788025	46.10	ng		98

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

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