Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123308.D
Acq On : 26 Feb 2021 18:11
Operator : JU/CG
Sample : M1501-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-3-7-WCMS

Manual Integrations APPROVED
mohammad
3/1/2021 12:36:38 PM

Quant Time: Feb 26 23:27:07 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	6.851	152	111459	20.00	ng		0.00
21) Naphthalene-d8	8.133	136	456642	20.00	ng		#-0.01
39) Acenaphthene-d10	9.892	164	239517	20.00	ng		-0.01
64) Phenanthrene-d10	11.386	188	472344	20.00	ng		0.00
76) Chrysene-d12	14.039	240	404819	20.00	ng		0.00
86) Perylene-d12	15.509	264	382189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	863656	111.53	ng		0.00
7) Phenol-d6	6.487	99	1151960	109.50	ng		0.00
23) Nitrobenzene-d5	7.416	82	775903	77.78	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	284490	116.65	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1149673	68.95	ng		-0.01
79) Terphenyl-d14	12.974	244	1224322	58.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	133733	29.93	ng	#	89
3) Pyridine	3.375	79	387523	35.59	ng		94
4) n-Nitrosodimethylamine	3.322	42	202923	40.30	ng		84
6) Aniline	6.510	93	348785	28.07	ng	#	87
8) 2-Chlorophenol	6.639	128	385752	46.37	ng		95
9) Benzaldehyde	6.398	77	143864	23.35	ng		92
10) Phenol	6.498	94	548013	47.80	ng		96
11) bis(2-Chloroethyl)ether	6.587	93	388199	47.21	ng		97
12) 1,3-Dichlorobenzene	6.792	146	392114	45.31	ng	#	95
13) 1,4-Dichlorobenzene	6.869	146	400282	45.39	ng		95
14) 1,2-Dichlorobenzene	7.022	146	386139	47.07	ng		96
15) Benzyl Alcohol	6.992	79	387594	47.26	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	529873	46.98	ng		100
17) 2-Methylphenol	7.110	107	331999	47.45	ng		93
18) Hexachloroethane	7.363	117	153892	48.31	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	304627	48.67	ng		97
20) 3+4-Methylphenols	7.263	107	415022	45.17	ng	#	87
22) Acetophenone	7.263	105	558957	47.19	ng	#	91
24) Nitrobenzene	7.434	77	469137	44.61	ng		89
25) Isophorone	7.675	82	831809	44.59	ng		95
26) 2-Nitrophenol	7.751	139	205201	46.57	ng		91
27) 2,4-Dimethylphenol	7.786	122	330672	48.48	ng		91
28) bis(2-Chloroethoxy)met...	7.881	93	493009	50.50	ng		99
29) 2,4-Dichlorophenol	7.992	162	317250	45.05	ng		91
30) 1,2,4-Trichlorobenzene	8.075	180	341430	44.59	ng		98
31) Naphthalene	8.157	128	1095578	43.78	ng		99
32) Benzoic acid	7.928	122	253332	50.36	ng		88
33) 4-Chloroaniline	8.204	127	121800	11.96	ng	#	93
34) Hexachlorobutadiene	8.275	225	193466	44.80	ng		98
35) Caprolactam	8.580	113	113851m	48.18	ng		
36) 4-Chloro-3-methylphenol	8.692	107	405777	48.47	ng		88
37) 2-Methylnaphthalene	8.851	142	754060	45.23	ng		99
38) 1-Methylnaphthalene	8.951	142	714117	45.80	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	328553	45.90	ng	#	97
41) Hexachlorocyclopentadiene	9.004	237	377684	112.63	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	230668	45.44	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	250414	46.10	ng		91
46) 1,1'-Biphenyl	9.316	154	924733	46.54	ng		99
47) 2-Chloronaphthalene	9.339	162	704286	44.92	ng		98
48) 2-Nitroaniline	9.439	65	274827	48.93	ng	#	83
49) Acenaphthylene	9.757	152	1079880	45.41	ng		100
50) Dimethylphthalate	9.622	163	913848	51.02	ng		100
51) 2,6-Dinitrotoluene	9.680	165	193873	46.97	ng	#	79
52) Acenaphthene	9.927	154	847286m	51.67	ng		
53) 3-Nitroaniline	9.845	138	119754	26.14	ng	#	77
54) 2,4-Dinitrophenol	9.957	184	238246	109.87	ng	#	77
55) Dibenzofuran	10.104	168	991784	44.68	ng		96
56) 4-Nitrophenol	10.022	139	339871	93.09	ng	#	64
57) 2,4-Dinitrotoluene	10.086	165	270812	48.79	ng		88
58) Fluorene	10.445	166	806769	46.18	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	210535	48.58	ng	#	85
60) Diethylphthalate	10.322	149	887934	50.06	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	396262	47.65	ng		91
62) 4-Nitroaniline	10.469	138	213808	46.36	ng		84
63) Azobenzene	10.598	77	945820	46.28	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	156890	49.34	ng		90
66) n-Nitrosodiphenylamine	10.557	169	718786	44.00	ng		99
67) 4-Bromophenyl-phenylether	10.927	248	235653	45.76	ng		93
68) Hexachlorobenzene	10.998	284	247755	45.68	ng		95
69) Atrazine	11.086	200	213184	41.30	ng		97
70) Pentachlorophenol	11.192	266	318223	92.91	ng		98
71) Phenanthrene	11.410	178	1255898	44.96	ng		99
72) Anthracene	11.463	178	1277386	45.83	ng		99
73) Carbazole	11.621	167	1156428	44.06	ng		99
74) Di-n-butylphthalate	11.951	149	1439455	49.05	ng		99
75) Fluoranthene	12.604	202	1364096	46.07	ng		99
77) Benzidine	12.727	184	504976	38.62	ng		99
78) Pyrene	12.833	202	1405251	44.46	ng		99
80) Butylbenzylphthalate	13.451	149	653995	48.95	ng		87
81) Benzo(a)anthracene	14.027	228	1232992	44.82	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	233606	25.54	ng		99
83) Chrysene	14.068	228	1208394	44.72	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	930259	50.58	ng		99
85) Di-n-octyl phthalate	14.627	149	1598233	50.86	ng		97
87) Indeno(1,2,3-cd)pyrene	16.992	276	1187472	44.96	ng		97
88) Benzo(b)fluoranthene	15.080	252	1297299	48.33	ng		99
89) Benzo(k)fluoranthene	15.115	252	1142040	46.93	ng		99
90) Benzo(a)pyrene	15.451	252	1092127	45.63	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	997829	44.03	ng		99
92) Benzo(g,h,i)perylene	17.439	276	933202	44.71	ng		99

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

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