Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126132.D
Acq On : 11 Nov 2021 18:45
Operator : JU/CG
Sample : M4639-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-7/1-2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:41:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	135368	20.000	ng		-0.02
21) Naphthalene-d8	8.128	136	501621	20.000	ng		-0.01
39) Acenaphthene-d10	9.881	164	298981	20.000	ng		-0.01
64) Phenanthrene-d10	11.369	188	561067	20.000	ng		# 0.00
76) Chrysene-d12	14.004	240	379878	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	389095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	787862	99.948	ng		0.00
7) Phenol-d6	6.475	99	1016382	91.467	ng		-0.01
23) Nitrobenzene-d5	7.404	82	747962	70.320	ng		-0.02
42) 2,4,6-Tribromophenol	10.669	330	359471	104.914	ng		-0.01
45) 2-Fluorobiphenyl	9.204	172	1346753	60.872	ng		-0.01
79) Terphenyl-d14	12.951	244	1393723	59.162	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	127441	38.881	ng	#	100
3) Pyridine	3.375	79	298742	33.871	ng		95
4) n-Nitrosodimethylamine	3.322	42	252452	40.817	ng	#	79
6) Aniline	6.504	93	297218	24.257	ng	#	93
8) 2-Chlorophenol	6.628	128	380421	45.164	ng		85
9) Benzaldehyde	6.387	77	257445	40.012	ng		91
10) Phenol	6.487	94	488695	43.011	ng		83
11) bis(2-Chloroethyl)ether	6.575	93	359443	43.433	ng		87
12) 1,3-Dichlorobenzene	6.781	146	423966	44.195	ng	#	93
13) 1,4-Dichlorobenzene	6.857	146	430150	43.973	ng		95
14) 1,2-Dichlorobenzene	7.010	146	410846	43.594	ng		95
15) Benzyl Alcohol	6.981	79	396404	41.771	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.116	45	593277	38.987	ng		92
17) 2-Methylphenol	7.098	107	315796	44.054	ng	#	90
18) Hexachloroethane	7.357	117	167336	45.532	ng	#	79
19) n-Nitroso-di-n-propyla...	7.257	70	312796	42.699	ng	#	81
20) 3+4-Methylphenols	7.251	107	420411	43.380	ng	#	59
22) Acetophenone	7.251	105	589656	40.700	ng	#	86
24) Nitrobenzene	7.422	77	471114	44.720	ng	#	84
25) Isophorone	7.663	82	782815	40.877	ng	#	88
26) 2-Nitrophenol	7.739	139	193524	51.547	ng	#	62
27) 2,4-Dimethylphenol	7.781	122	328741	47.084	ng	#	81
28) bis(2-Chloroethoxy)met...	7.875	93	450292	39.875	ng	#	97
29) 2,4-Dichlorophenol	7.981	162	345141	43.793	ng		94
30) 1,2,4-Trichlorobenzene	8.069	180	404973	42.142	ng		98
31) Naphthalene	8.151	128	1110452	42.739	ng		99
32) Benzoic acid	7.898	122	190467	44.743	ng	#	70
33) 4-Chloroaniline	8.192	127	101594	9.784	ng	#	90
34) Hexachlorobutadiene	8.269	225	272473	41.190	ng		98
35) Caprolactam	8.563	113	95020m	43.296	ng		
36) 4-Chloro-3-methylphenol	8.681	107	391277	43.053	ng		88
37) 2-Methylnaphthalene	8.839	142	794924	44.299	ng		99
38) 1-Methylnaphthalene	8.939	142	724847	41.702	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	428775	42.793	ng		97
41) Hexachlorocyclopentadiene	8.992	237	484516	93.068	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	274109	45.176	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	294772	44.970	ng		93
46) 1,1'-Biphenyl	9.304	154	962926	41.668	ng		99
47) 2-Chloronaphthalene	9.328	162	775872	42.655	ng		99
48) 2-Nitroaniline	9.422	65	270008	45.539	ng	#	77
49) Acenaphthylene	9.745	152	1186120	43.119	ng		98
50) Dimethylphthalate	9.604	163	933954	42.907	ng	#	98
51) 2,6-Dinitrotoluene	9.663	165	197226	52.861	ng	#	71
52) Acenaphthene	9.916	154	743581	42.857	ng		97
53) 3-Nitroaniline	9.828	138	108595	28.392	ng	#	68
54) 2,4-Dinitrophenol	9.939	184	191286	91.293	ng	#	87
55) Dibenzofuran	10.086	168	1088016	41.657	ng		99
56) 4-Nitrophenol	9.998	139	296084	98.085	ng	#	68
57) 2,4-Dinitrotoluene	10.069	165	273921	50.770	ng	#	94
58) Fluorene	10.433	166	885856	42.247	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	247129	44.523	ng	#	87
60) Diethylphthalate	10.304	149	910632	41.717	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	460687	41.081	ng		91
62) 4-Nitroaniline	10.445	138	188649	47.289	ng		89
63) Azobenzene	10.580	77	924248	38.994	ng		91
65) 4,6-Dinitro-2-methylph...	10.475	198	132675	48.919	ng		96
66) n-Nitrosodiphenylamine	10.539	169	754549	42.231	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	284755	41.901	ng		95
68) Hexachlorobenzene	10.980	284	316275	44.551	ng	#	85
69) Atrazine	11.069	200	286308	45.303	ng		90
70) Pentachlorophenol	11.175	266	327452	85.600	ng		94
71) Phenanthrene	11.392	178	1286684	42.288	ng		98
72) Anthracene	11.445	178	1330581	43.802	ng		99
73) Carbazole	11.598	167	1100358	39.055	ng		99
74) Di-n-butylphthalate	11.927	149	1373887	41.850	ng	#	99
75) Fluoranthene	12.580	202	1319541	38.945	ng		95
77) Benzidine	12.698	184	465942	36.691	ng		97
78) Pyrene	12.810	202	1299109	42.643	ng		96
80) Butylbenzylphthalate	13.427	149	472112	42.545	ng	#	86
81) Benzo(a)anthracene	13.998	228	1069909	40.998	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	204328	26.831	ng	#	95
83) Chrysene	14.033	228	1032627	42.526	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	622632	40.484	ng	#	98
85) Di-n-octyl phthalate	14.604	149	988827	45.253	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1162125	50.460	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1036924	40.971	ng	#	93
89) Benzo(k)fluoranthene	15.074	252	999927	40.729	ng	#	98
90) Benzo(a)pyrene	15.410	252	1001114	50.208	ng	#	95
91) Dibenzo(a,h)anthracene	16.951	278	969871	51.273	ng	#	91
92) Benzo(g,h,i)perylene	17.374	276	928640	51.189	ng	#	82

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

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