Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126003.D
Acq On : 29 Oct 2021 14:01
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:43 PM

Quant Time: Oct 29 17:17:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	221907	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	905352	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	515592	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	960339	20.000	ng		0.00
76) Chrysene-d12	14.010	240	710617	20.000	ng		0.00
86) Perylene-d12	15.474	264	622071	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	359250	24.114	ng		-0.01
7) Phenol-d6	6.469	99	473218	23.159	ng		-0.02
23) Nitrobenzene-d5	7.410	82	406685	23.203	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	113665	25.289	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	747451	25.637	ng		0.00
79) Terphenyl-d14	12.957	244	864215	19.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	77500	10.646	ng	#	100
3) Pyridine	3.375	79	204500	10.610	ng		87
4) n-Nitrosodimethylamine	3.299	42	104161	8.425	ng	#	51
6) Aniline	6.510	93	280246	11.644	ng	#	95
8) 2-Chlorophenol	6.634	128	179612	11.944	ng	#	79
9) Benzaldehyde	6.398	77	156467	12.797	ng		95
10) Phenol	6.487	94	255570m	12.972	ng		
11) bis(2-Chloroethyl)ether	6.581	93	189528	11.945	ng	#	82
12) 1,3-Dichlorobenzene	6.792	146	194346	11.700	ng		95
13) 1,4-Dichlorobenzene	6.869	146	193310	11.634	ng		96
14) 1,2-Dichlorobenzene	7.022	146	184372	11.447	ng		96
15) Benzyl Alcohol	6.987	79	174567	11.285	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	360284	9.272	ng		98
17) 2-Methylphenol	7.098	107	154315	11.881	ng		98
18) Hexachloroethane	7.369	117	70402	11.175	ng	#	89
19) n-Nitroso-di-n-propyla...	7.257	70	137853	11.808	ng	#	83
20) 3+4-Methylphenols	7.251	107	201507	12.137	ng	#	86
22) Acetophenone	7.257	105	265936	11.377	ng	#	89
24) Nitrobenzene	7.428	77	197870	10.934	ng	#	88
25) Isophorone	7.669	82	369631	11.074	ng	#	86
26) 2-Nitrophenol	7.751	139	79309	13.516	ng	#	82
27) 2,4-Dimethylphenol	7.781	122	144152	11.064	ng		93
28) bis(2-Chloroethoxy)met...	7.881	93	242332	11.572	ng	#	96
29) 2,4-Dichlorophenol	7.986	162	142823	11.183	ng		90
30) 1,2,4-Trichlorobenzene	8.075	180	170501	11.382	ng		94
31) Naphthalene	8.157	128	522754	11.356	ng		98
32) Benzoic acid	7.857	122	74891	9.492	ng	#	87
33) 4-Chloroaniline	8.204	127	220725	11.635	ng	#	92
34) Hexachlorobutadiene	8.281	225	101499	10.781	ng		97
35) Caprolactam	8.545	113	50736	12.135	ng	#	48
36) 4-Chloro-3-methylphenol	8.675	107	171532	11.476	ng		91
37) 2-Methylnaphthalene	8.845	142	350415	11.826	ng		94
38) 1-Methylnaphthalene	8.945	142	339974	11.888	ng		91
40) 1,2,4,5-Tetrachloroben...	9.016	216	165822	11.675	ng		98
41) Hexachlorocyclopentadiene	9.004	237	78233	10.198	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	111662	11.519	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	118166	11.554	ng		98
46) 1,1'-Biphenyl	9.310	154	445612	11.800	ng		98
47) 2-Chloronaphthalene	9.333	162	328628	11.542	ng		97
48) 2-Nitroaniline	9.422	65	124233	12.216	ng	#	70
49) Acenaphthylene	9.751	152	502723	11.689	ng		99
50) Dimethylphthalate	9.604	163	379881	11.894	ng		96
51) 2,6-Dinitrotoluene	9.663	165	78886	12.523	ng	#	73
52) Acenaphthene	9.922	154	332466	11.895	ng		100
53) 3-Nitroaniline	9.833	138	92319	12.784	ng	#	75
54) 2,4-Dinitrophenol	9.939	184	25182	11.543	ng	#	82
55) Dibenzofuran	10.092	168	496170	11.885	ng		93
56) 4-Nitrophenol	9.980	139	72721	12.959	ng	#	67
57) 2,4-Dinitrotoluene	10.069	165	103056	13.319	ng	#	93
58) Fluorene	10.433	166	372032	11.952	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	101527	12.162	ng	#	85
60) Diethylphthalate	10.304	149	383738	11.779	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	184428	12.005	ng	#	84
62) 4-Nitroaniline	10.439	138	85867	12.959	ng	#	83
63) Azobenzene	10.586	77	440222	11.716	ng		91
65) 4,6-Dinitro-2-methylph...	10.475	198	46531	12.327	ng		86
66) n-Nitrosodiphenylamine	10.539	169	331909	11.539	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	119365	11.635	ng		95
68) Hexachlorobenzene	10.980	284	125347	11.590	ng	#	91
69) Atrazine	11.069	200	107721	11.825	ng		90
70) Pentachlorophenol	11.175	266	64749	10.605	ng		96
71) Phenanthrene	11.392	178	573029	11.499	ng		98
72) Anthracene	11.445	178	579850	11.655	ng		99
73) Carbazole	11.598	167	563369	11.912	ng		97
74) Di-n-butylphthalate	11.933	149	615727	12.220	ng		99
75) Fluoranthene	12.580	202	604336	12.030	ng		96
77) Benzidine	12.704	184	284276	12.825	ng		99
78) Pyrene	12.810	202	616427	9.321	ng		96
80) Butylbenzylphthalate	13.433	149	247634	11.512	ng	#	85
81) Benzo(a)anthracene	13.998	228	516512	10.799	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	189633	12.504	ng		99
83) Chrysene	14.033	228	526240	10.875	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	308516	13.238	ng		96
85) Di-n-octyl phthalate	14.610	149	550588	15.250	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	369934	8.255	ng		95
88) Benzo(b)fluoranthene	15.045	252	450068	10.961	ng	#	96
89) Benzo(k)fluoranthene	15.074	252	457427	11.598	ng		98
90) Benzo(a)pyrene	15.404	252	366711	11.063	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	308962	8.510	ng		97
92) Benzo(g,h,i)perylene	17.356	276	285777	7.534	ng		95

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

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