Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126196.D
Acq On : 15 Dec 2021 16:46
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 11:44:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 11:43:03 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	232623	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	971109	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	460030	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	714985	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	390749	20.000	ng	0.00
86) Perylene-d12	15.404	264	336825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	350228	22.172	ng	-0.01
7) Phenol-d6	6.428	99	441903	22.032	ng	-0.02
23) Nitrobenzene-d5	7.369	82	379462	21.163	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	77139	20.865	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	604842	23.060	ng	0.00
79) Terphenyl-d14	12.916	244	512757	22.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	79523	10.313	ng	# 100
3) Pyridine	3.281	79	203037	9.915	ng	# 78
4) n-Nitrosodimethylamine	3.210	42	76506	9.721	ng	# 2
6) Aniline	6.469	93	264196	10.370	ng	97
8) 2-Chlorophenol	6.593	128	177935	11.108	ng	89
9) Benzaldehyde	6.357	77	143327	11.842	ng	94
10) Phenol	6.440	94	249751m	11.093	ng	
11) bis(2-Chloroethyl)ether	6.545	93	188905	10.809	ng	98
12) 1,3-Dichlorobenzene	6.751	146	180611	11.177	ng	97
13) 1,4-Dichlorobenzene	6.834	146	183226	11.229	ng	96
14) 1,2-Dichlorobenzene	6.987	146	174384	11.558	ng	97
15) Benzyl Alcohol	6.945	79	158823	10.847	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.093	45	299238	10.463	ng	95
17) 2-Methylphenol	7.057	107	147425	10.506	ng	98
18) Hexachloroethane	7.328	117	69074	10.762	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	132099	10.728	ng	# 72
20) 3+4-Methylphenols	7.210	107	191688	11.555	ng	96
22) Acetophenone	7.216	105	252132	11.281	ng	97
24) Nitrobenzene	7.387	77	189952	10.612	ng	# 88
25) Isophorone	7.628	82	349245	10.314	ng	# 86
26) 2-Nitrophenol	7.710	139	80122	9.929	ng	# 85
27) 2,4-Dimethylphenol	7.745	122	145623	10.618	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	237187	10.654	ng	# 96
29) 2,4-Dichlorophenol	7.945	162	125587	10.310	ng	93
30) 1,2,4-Trichlorobenzene	8.040	180	137557	10.918	ng	97
31) Naphthalene	8.116	128	514601	11.331	ng	98
32) Benzoic acid	7.804	122	86807	7.357	ng	95
33) 4-Chloroaniline	8.163	127	208509	10.996	ng	97
34) Hexachlorobutadiene	8.239	225	67188	10.858	ng	97
35) Caprolactam	8.492	113	28530	9.426	ng	# 77
36) 4-Chloro-3-methylphenol	8.634	107	151638	10.553	ng	92
37) 2-Methylnaphthalene	8.810	142	317362	11.347	ng	97
38) 1-Methylnaphthalene	8.910	142	308920	11.382	ng	94
40) 1,2,4,5-Tetrachloroben...	8.975	216	111415	11.221	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	58586	10.304	ng	94
43) 2,4,6-Trichlorophenol	9.081	196	82034	10.503	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	88082	10.890	ng		97
46) 1,1'-Biphenyl	9.275	154	391213	11.501	ng		95
47) 2-Chloronaphthalene	9.298	162	288285	11.264	ng		98
48) 2-Nitroaniline	9.386	65	91647	9.811	ng		96
49) Acenaphthylene	9.710	152	444431	11.365	ng		97
50) Dimethylphthalate	9.569	163	322412	11.064	ng		98
51) 2,6-Dinitrotoluene	9.628	165	65309	10.354	ng		92
52) Acenaphthene	9.881	154	280318	11.053	ng		99
53) 3-Nitroaniline	9.792	138	82051	10.235	ng	#	75
54) 2,4-Dinitrophenol	9.892	184	16167	6.225	ng	#	1
55) Dibenzofuran	10.051	168	391659	11.343	ng		98
56) 4-Nitrophenol	9.939	139	54671	9.441	ng	#	82
57) 2,4-Dinitrotoluene	10.028	165	82444	10.247	ng	#	93
58) Fluorene	10.398	166	285213	11.410	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	63627	10.610	ng	#	96
60) Diethylphthalate	10.269	149	327452	11.182	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	126302	11.222	ng		94
62) 4-Nitroaniline	10.398	138	64247	9.553	ng	#	73
63) Azobenzene	10.551	77	391087	11.026	ng		82
65) 4,6-Dinitro-2-methylph...	10.428	198	29866	7.650	ng		83
66) n-Nitrosodiphenylamine	10.504	169	258373	11.260	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	72978	10.876	ng		92
68) Hexachlorobenzene	10.945	284	84676	10.972	ng	#	88
69) Atrazine	11.028	200	45813	10.895	ng		98
70) Pentachlorophenol	11.133	266	42330	9.887	ng		93
71) Phenanthrene	11.357	178	420722	11.401	ng		99
72) Anthracene	11.404	178	427446	11.540	ng		100
73) Carbazole	11.557	167	392602	11.255	ng		99
74) Di-n-butylphthalate	11.898	149	514743	11.641	ng		99
75) Fluoranthene	12.539	202	376523	11.325	ng		90
77) Benzidine	12.663	184	66972	10.871	ng		97
78) Pyrene	12.769	202	381558	10.629	ng		98
80) Butylbenzylphthalate	13.398	149	169224	10.017	ng		88
81) Benzo(a)anthracene	13.957	228	244951	10.583	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	109552	10.360	ng	#	97
83) Chrysene	13.992	228	248884	10.349	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	202035	10.702	ng		98
85) Di-n-octyl phthalate	14.568	149	318236	9.457	ng		99
87) Indeno(1,2,3-cd)pyrene	16.821	276	217024	9.660	ng	#	90
88) Benzo(b)fluoranthene	14.986	252	208290m	10.292	ng		
89) Benzo(k)fluoranthene	15.016	252	203297	10.501	ng	#	95
90) Benzo(a)pyrene	15.345	252	168744	10.032	ng	#	93
91) Dibenzo(a,h)anthracene	16.845	278	180649	9.891	ng	#	93
92) Benzo(g,h,i)perylene	17.245	276	179745	9.512	ng	#	89

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

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