Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126015.D
Acq On : 3 Nov 2021 12:25
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 16:13:22 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 16:12:24 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	161573	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	597763	20.000	ng	#	0.00
39) Acenaphthene-d10	9.886	164	353066	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	679505	20.000	ng		0.00
76) Chrysene-d12	14.004	240	607922	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	525595	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	107421	9.433	ng		0.00
7) Phenol-d6	6.463	99	159593	10.780	ng		-0.02
23) Nitrobenzene-d5	7.404	82	106829	8.755	ng		-0.02
42) 2,4,6-Tribromophenol	10.669	330	35607	10.485	ng		-0.01
45) 2-Fluorobiphenyl	9.204	172	307247	15.348	ng		-0.01
79) Terphenyl-d14	12.951	244	387434	11.907	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	23273	4.556	ng	#	100
3) Pyridine	3.363	79	63042	4.503	ng		93
4) n-Nitrosodimethylamine	3.281	42	42706	5.995	ng	#	90
6) Aniline	6.504	93	86424	4.750	ng	#	88
8) 2-Chlorophenol	6.628	128	58363	5.230	ng	#	74
9) Benzaldehyde	6.398	77	57420	6.461	ng		92
10) Phenol	6.481	94	79996m	4.883	ng		
11) bis(2-Chloroethyl)ether	6.581	93	60521	5.071	ng		88
12) 1,3-Dichlorobenzene	6.792	146	68406	5.681	ng	#	94
13) 1,4-Dichlorobenzene	6.869	146	70595	5.867	ng		96
14) 1,2-Dichlorobenzene	7.022	146	67328	5.729	ng		94
15) Benzyl Alcohol	6.986	79	63293	5.712	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.128	45	109490	4.724	ng		94
17) 2-Methylphenol	7.092	107	50812	5.165	ng	#	88
18) Hexachloroethane	7.363	117	25163	5.565	ng		92
19) n-Nitroso-di-n-propyla...	7.251	70	49479	5.647	ng	#	89
20) 3+4-Methylphenols	7.245	107	67922	5.202	ng		85
22) Acetophenone	7.251	105	99158	6.572	ng	#	81
24) Nitrobenzene	7.428	77	59548	4.926	ng	#	82
25) Isophorone	7.663	82	131052	5.867	ng	#	85
26) 2-Nitrophenol	7.745	139	10790	2.146	ng	#	68
27) 2,4-Dimethylphenol	7.781	122	45114m	5.279	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	77093	5.403	ng	#	96
29) 2,4-Dichlorophenol	7.986	162	48506	5.676	ng		94
30) 1,2,4-Trichlorobenzene	8.075	180	65048	6.643	ng		97
31) Naphthalene	8.151	128	175289	5.889	ng		100
33) 4-Chloroaniline	8.198	127	71376	5.534	ng	#	87
34) Hexachlorobutadiene	8.275	225	44103	7.450	ng		98
35) Caprolactam	8.528	113	13902	4.659	ng	#	64
36) 4-Chloro-3-methylphenol	8.669	107	57503	5.704	ng		85
37) 2-Methylnaphthalene	8.845	142	123143	6.293	ng		97
38) 1-Methylnaphthalene	8.945	142	118735	6.226	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	67657	6.930	ng		98
41) Hexachlorocyclopentadiene	8.998	237	24303	4.793	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	34030	4.971	ng		97
44) 2,4,5-Trichlorophenol	9.151	196	38454	5.368	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	159344	5.992	ng		98
47) 2-Chloronaphthalene	9.327	162	123184	6.422	ng		97
48) 2-Nitroaniline	9.422	65	20878	2.655	ng	#	75
49) Acenaphthylene	9.745	152	189179	6.506	ng		97
50) Dimethylphthalate	9.598	163	145490	6.615	ng	#	97
51) 2,6-Dinitrotoluene	9.663	165	15837	3.293	ng	#	69
52) Acenaphthene	9.916	154	113049	5.769	ng		98
53) 3-Nitroaniline	9.827	138	18311	3.258	ng	#	53
55) Dibenzofuran	10.086	168	179456	6.079	ng		97
57) 2,4-Dinitrotoluene	10.063	165	17452	2.787	ng	#	86
58) Fluorene	10.433	166	145886	6.789	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	29487	4.859	ng	#	92
60) Diethylphthalate	10.304	149	146263	6.587	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	76650	7.576	ng		89
62) 4-Nitroaniline	10.433	138	20074	3.763	ng		84
63) Azobenzene	10.580	77	163772	6.375	ng		90
66) n-Nitrosodiphenylamine	10.539	169	121778	5.946	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	44955	6.058	ng		98
68) Hexachlorobenzene	10.980	284	47009	6.012	ng	#	87
69) Atrazine	11.063	200	44187	6.622	ng		91
71) Phenanthrene	11.392	178	214671	5.978	ng		98
72) Anthracene	11.439	178	214216	6.179	ng		98
73) Carbazole	11.598	167	202619	6.031	ng		98
74) Di-n-butylphthalate	11.933	149	219823	5.996	ng		98
75) Fluoranthene	12.580	202	249632	6.633	ng		95
77) Benzidine	12.698	184	121512	5.291	ng	#	95
78) Pyrene	12.810	202	250032	5.066	ng		97
80) Butylbenzylphthalate	13.433	149	71880	3.577	ng		92
81) Benzo(a)anthracene	13.992	228	235621	6.057	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	64401	4.533	ng		97
83) Chrysene	14.033	228	217060	5.395	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	114792	4.899	ng		97
85) Di-n-octyl phthalate	14.604	149	165918	4.051	ng		96
87) Indeno(1,2,3-cd)pyrene	16.915	276	163392	5.074	ng	#	86
88) Benzo(b)fluoranthene	15.039	252	182035	5.187	ng	#	94
89) Benzo(k)fluoranthene	15.068	252	188023m	5.511	ng		
90) Benzo(a)pyrene	15.404	252	148325	5.240	ng	#	91
91) Dibenzo(a,h)anthracene	16.933	278	132046	5.031	ng	#	93
92) Benzo(g,h,i)perylene	17.351	276	126920	4.825	ng	#	81

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

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