Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
Data File : BF132056.D
Acq On : 13 Jan 2023 13:06
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 01:15:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

01/16/2023
Supervised By :Jagrut Upadhyay

01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	61810	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	209758	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	122469	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	231261	20.000	ng		0.00
76) Chrysene-d12	13.963	240	125903	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	103873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	286629	76.412	ng		0.00
7) Phenol-d6	6.428	99	364280	73.244	ng		0.00
23) Nitrobenzene-d5	7.351	82	382673	75.717	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	95925	68.122	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	666810	73.502	ng		0.00
79) Terphenyl-d14	12.904	244	684088	77.876	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.416	88	62928	38.411	ng		100
3) Pyridine	3.152	79	176849	38.462	ng		98
4) n-Nitrosodimethylamine	3.116	42	83396	38.593	ng		97
6) Aniline	6.440	93	235642	36.010	ng	#	38
8) 2-Chlorophenol	6.563	128	142432	37.845	ng		99
9) Benzaldehyde	6.328	77	120738	36.484	ng		99
10) Phenol	6.440	94	204621	36.881	ng		82
11) bis(2-Chloroethyl)ether	6.516	93	152233	36.399	ng		99
12) 1,3-Dichlorobenzene	6.710	146	157083	37.473	ng		97
13) 1,4-Dichlorobenzene	6.793	146	155662	36.700	ng		97
14) 1,2-Dichlorobenzene	6.945	146	147430	36.599	ng		98
15) Benzyl Alcohol	6.928	79	157971	36.474	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	184383	34.933	ng		67
17) 2-Methylphenol	7.045	107	136545	36.662	ng		95
18) Hexachloroethane	7.287	117	65020	37.069	ng		93
19) n-Nitroso-di-n-propyla...	7.198	70	125516	34.887	ng		97
20) 3+4-Methylphenols	7.204	107	177192	37.057	ng	#	63
22) Acetophenone	7.192	105	231073	37.836	ng	#	91
24) Nitrobenzene	7.369	77	195035	37.906	ng		99
25) Isophorone	7.610	82	340993	36.116	ng		100
26) 2-Nitrophenol	7.687	139	76491	37.783	ng		98
27) 2,4-Dimethylphenol	7.728	122	129015	38.179	ng		100
28) bis(2-Chloroethoxy)met...	7.816	93	187503	35.882	ng		99
29) 2,4-Dichlorophenol	7.934	162	129037	37.280	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	148846	37.549	ng		96
31) Naphthalene	8.087	128	417555	37.668	ng		100
32) Benzoic acid	7.875	122	71230m	36.359	ng		
33) 4-Chloroaniline	8.145	127	174283	38.100	ng		96
34) Hexachlorobutadiene	8.198	225	100598	36.603	ng		100
35) Caprolactam	8.528	113	37551m	36.939	ng		
36) 4-Chloro-3-methylphenol	8.639	107	148898	36.653	ng		95
37) 2-Methylnaphthalene	8.781	142	293171	36.824	ng		99
38) 1-Methylnaphthalene	8.881	142	268106	36.348	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	160459	37.182	ng		99
41) Hexachlorocyclopentadiene	8.928	237	60348	33.161	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	94980	36.564	ng		99

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44) 2,4,5-Trichlorophenol	9.116	196	109202	36.110	ng	98
46) 1,1'-Biphenyl	9.245	154	350445	37.074	ng	99
47) 2-Chloronaphthalene	9.275	162	278985	38.026	ng	97
48) 2-Nitroaniline	9.381	65	103164	38.714	ng	96
49) Acenaphthylene	9.686	152	431167	37.872	ng	99
50) Dimethylphthalate	9.551	163	346548	36.302	ng	99
51) 2,6-Dinitrotoluene	9.622	165	74587	37.148	ng	96
52) Acenaphthene	9.857	154	255771	37.426	ng	99
53) 3-Nitroaniline	9.792	138	75476	38.747	ng	92
54) 2,4-Dinitrophenol	9.910	184	32342	32.082	ng	95
55) Dibenzofuran	10.033	168	402939	37.405	ng	99
56) 4-Nitrophenol	9.981	139	32669	29.775	ng	92
57) 2,4-Dinitrotoluene	10.028	165	99986	37.247	ng	97
58) Fluorene	10.375	166	315227	36.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	80190	35.587	ng	94
60) Diethylphthalate	10.251	149	332485	35.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	176317	35.792	ng	100
62) 4-Nitroaniline	10.410	138	70427	40.208	ng	95
63) Azobenzene	10.528	77	360941	36.247	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	55833	37.438	ng	90
66) n-Nitrosodiphenylamine	10.492	169	269709	37.174	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	101645	35.134	ng	96
68) Hexachlorobenzene	10.922	284	104174	35.596	ng	96
69) Atrazine	11.022	200	96825	36.698	ng	98
70) Pentachlorophenol	11.128	266	47158m	32.929	ng	
71) Phenanthrene	11.339	178	452892	37.567	ng	99
72) Anthracene	11.392	178	462358	37.254	ng	99
73) Carbazole	11.557	167	389417	37.900	ng	99
74) Di-n-butylphthalate	11.880	149	532606	37.227	ng	99
75) Fluoranthene	12.533	202	482379	35.578	ng	99
77) Benzidine	12.663	184	157715	37.706	ng	97
78) Pyrene	12.763	202	483880	42.138	ng	99
80) Butylbenzylphthalate	13.380	149	166125	35.841	ng	95
81) Benzo(a)anthracene	13.957	228	341686	37.303	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	105551	36.922	ng	99
83) Chrysene	13.992	228	315351	36.838	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	198052	31.539	ng	99
85) Di-n-octyl phthalate	14.551	149	278333	32.391	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	301677	47.355	ng	99
88) Benzo(b)fluoranthene	14.998	252	259541	36.430	ng	99
89) Benzo(k)fluoranthene	15.027	252	233254	32.805	ng	99
90) Benzo(a)pyrene	15.363	252	238005	37.078	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	253244	47.422	ng	96
92) Benzo(g,h,i)perylene	17.327	276	256878	45.149	ng	98

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

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