Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134538.D
Acq On : 01 Aug 2023 08:54
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 02:11:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	206594	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	815549	20.000	ng	#	0.00
39) Acenaphthene-d10	9.828	164	408542	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	747603	20.000	ng	#	0.00
76) Chrysene-d12	13.957	240	582401	20.000	ng	#	0.00
86) Perylene-d12	15.410	264	546905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	305785	22.499	ng		0.00
7) Phenol-d6	6.410	99	393897	22.673	ng		-0.02
23) Nitrobenzene-d5	7.351	82	247837	18.991	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	85418	20.510	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	626248	25.487	ng		0.00
79) Terphenyl-d14	12.904	244	673654	20.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	66943	10.706	ng		96
3) Pyridine	3.293	79	181429	10.707	ng		92
4) n-Nitrosodimethylamine	3.240	42	84845	10.480	ng	#	72
6) Aniline	6.451	93	245063	10.754	ng		94
8) 2-Chlorophenol	6.575	128	150330	10.965	ng		95
9) Benzaldehyde	6.345	77	114367	10.069	ng		91
10) Phenol	6.422	94	187635	10.959	ng		81
11) bis(2-Chloroethyl)ether	6.528	93	150864	11.093	ng		92
12) 1,3-Dichlorobenzene	6.734	146	157923	11.133	ng		93
13) 1,4-Dichlorobenzene	6.810	146	159458	11.217	ng		97
14) 1,2-Dichlorobenzene	6.963	146	151915	11.469	ng		95
15) Benzyl Alcohol	6.928	79	136088	11.355	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	232024	10.889	ng		88
17) 2-Methylphenol	7.034	107	131620	10.864	ng		92
18) Hexachloroethane	7.304	117	53118	10.646	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	114438	11.002	ng		95
20) 3+4-Methylphenols	7.187	107	171634	11.747	ng	#	62
22) Acetophenone	7.198	105	217267	11.540	ng	#	84
24) Nitrobenzene	7.369	77	141016	10.002	ng		99
25) Isophorone	7.604	82	298562	10.489	ng		97
26) 2-Nitrophenol	7.686	139	34966	10.039	ng	#	90
27) 2,4-Dimethylphenol	7.722	122	136790	10.770	ng	#	81
28) bis(2-Chloroethoxy)met...	7.822	93	183230	10.761	ng		98
29) 2,4-Dichlorophenol	7.922	162	119162	10.338	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	131454	10.694	ng		97
31) Naphthalene	8.092	128	457493	11.162	ng		99
32) Benzoic acid	7.786	122	39556	11.859	ng	#	81
33) 4-Chloroaniline	8.139	127	193563	10.599	ng		99
34) Hexachlorobutadiene	8.210	225	75898	10.704	ng		97
35) Caprolactam	8.475	113	36847	9.905	ng		96
36) 4-Chloro-3-methylphenol	8.610	107	126770	10.385	ng		96
37) 2-Methylnaphthalene	8.781	142	305272	11.236	ng		96
38) 1-Methylnaphthalene	8.881	142	278687	11.031	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	133117	11.205	ng		99
41) Hexachlorocyclopentadiene	8.939	237	55360	9.583	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	78789	10.134	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	93334	10.503	ng		93
46) 1,1'-Biphenyl	9.245	154	361765	11.387	ng		97
47) 2-Chloronaphthalene	9.269	162	266107	11.179	ng		97
48) 2-Nitroaniline	9.363	65	50087	9.470	ng		96
49) Acenaphthylene	9.686	152	418562	11.186	ng		98
50) Dimethylphthalate	9.545	163	301678	10.834	ng		97
51) 2,6-Dinitrotoluene	9.604	165	41879	9.454	ng		91
52) Acenaphthene	9.857	154	269820	11.127	ng		98
53) 3-Nitroaniline	9.769	138	54358	8.758	ng	#	76
54) 2,4-Dinitrophenol	9.875	184	7734	11.233	ng		91
55) Dibenzofuran	10.028	168	385679	11.173	ng		97
56) 4-Nitrophenol	9.916	139	39886	7.858	ng		88
57) 2,4-Dinitrotoluene	10.004	165	45258	9.029	ng		90
58) Fluorene	10.369	166	301668	11.998	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.145	232	72358m	10.275	ng		
60) Diethylphthalate	10.251	149	288159	10.918	ng		97
61) 4-Chlorophenyl-phenyle...	10.369	204	146315	11.839	ng		94
62) 4-Nitroaniline	10.380	138	52878	8.692	ng		93
63) Azobenzene	10.527	77	314264	11.082	ng		97
65) 4,6-Dinitro-2-methylph...	10.410	198	12710	12.143	ng		94
66) n-Nitrosodiphenylamine	10.486	169	264231	11.104	ng		98
67) 4-Bromophenyl-phenylether	10.857	248	85524	10.450	ng		97
68) Hexachlorobenzene	10.916	284	93040	10.766	ng		99
69) Atrazine	11.016	200	72497	11.303	ng		96
70) Pentachlorophenol	11.110	266	49595	9.269	ng		98
71) Phenanthrene	11.333	178	446502	11.244	ng		99
72) Anthracene	11.386	178	454825	11.213	ng		99
73) Carbazole	11.539	167	400093	11.047	ng		99
74) Di-n-butylphthalate	11.886	149	412378	10.718	ng		100
75) Fluoranthene	12.521	202	461769	11.009	ng		96
77) Benzidine	12.651	184	143293	11.334	ng		99
78) Pyrene	12.751	202	486634	9.656	ng		98
80) Butylbenzylphthalate	13.386	149	143884	8.443	ng		92
81) Benzo(a)anthracene	13.945	228	428521	10.290	ng		98
82) 3,3'-Dichlorobenzidine	13.910	252	127556	10.567	ng	#	96
83) Chrysene	13.980	228	412914	10.177	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	201788	10.062	ng		99
85) Di-n-octyl phthalate	14.568	149	278531	9.133	ng		95
87) Indeno(1,2,3-cd)pyrene	16.874	276	281240	8.744	ng	#	91
88) Benzo(b)fluoranthene	14.986	252	347432	10.416	ng	#	97
89) Benzo(k)fluoranthene	15.015	252	362488	10.909	ng	#	98
90) Benzo(a)pyrene	15.345	252	322530	10.371	ng	#	95
91) Dibenzo(a,h)anthracene	16.898	278	230081	8.851	ng	#	95
92) Benzo(g,h,i)perylene	17.315	276	225941	8.521	ng	#	93

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

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