Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132408.D
Acq On : 13 Feb 2023 14:00
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 14 00:13:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:06:43 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.036	152	87773	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	312042	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	160740	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	299607	20.000	ng	# 0.00
76) Chrysene-d12	14.242	240	222157	20.000	ng	0.00
86) Perylene-d12	15.807	264	213314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	496516	90.928	ng	0.00
7) Phenol-d6	6.654	99	586062	87.055	ng	0.00
23) Nitrobenzene-d5	7.601	82	514869	91.818	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	234482	141.853	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1098700	105.554	ng	0.00
79) Terphenyl-d14	13.171	244	1295676	112.820	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.907	88	202508	78.816	ng	99
3) Pyridine	3.684	79	371642	53.316	ng	99
4) n-Nitrosodimethylamine	3.648	42	121853	54.632	ng	96
6) Aniline	6.701	93	345859m	37.859	ng	
8) 2-Chlorophenol	6.819	128	278601	49.261	ng	98
9) Benzaldehyde	6.584	77	90696	22.073	ng	97
10) Phenol	6.672	94	301222	43.229	ng	98
11) bis(2-Chloroethyl)ether	6.766	93	268324	46.790	ng	98
12) 1,3-Dichlorobenzene	6.978	146	303897	50.805	ng	99
13) 1,4-Dichlorobenzene	7.054	146	302645	50.687	ng	99
14) 1,2-Dichlorobenzene	7.207	146	283836	50.973	ng	100
15) Benzyl Alcohol	7.172	79	192310	39.149	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.307	45	205336	33.985	ng	97
17) 2-Methylphenol	7.278	107	227376	45.929	ng	98
18) Hexachloroethane	7.548	117	112545	50.246	ng	98
19) n-Nitroso-di-n-propyla...	7.448	70	145853	38.142	ng	98
20) 3+4-Methylphenols	7.431	107	286464	45.336	ng	97
22) Acetophenone	7.442	105	352231	47.999	ng	98
24) Nitrobenzene	7.619	77	254051	44.347	ng	98
25) Isophorone	7.854	82	462186	43.426	ng	99
26) 2-Nitrophenol	7.936	139	151040	54.128	ng	96
27) 2,4-Dimethylphenol	7.966	122	237916m	48.712	ng	
28) bis(2-Chloroethoxy)met...	8.060	93	290239	44.376	ng	99
29) 2,4-Dichlorophenol	8.178	162	235631	54.339	ng	95
30) 1,2,4-Trichlorobenzene	8.260	180	258334	55.633	ng	98
31) Naphthalene	8.342	128	783249	50.994	ng	100
32) Benzoic acid	8.078	122	154128	42.632	ng	97
33) 4-Chloroaniline	8.389	127	304366m	44.687	ng	
34) Hexachlorobutadiene	8.454	225	171617	65.741	ng	97
35) Caprolactam	8.766	113	68147m	46.098	ng	
36) 4-Chloro-3-methylphenol	8.866	107	238859	51.130	ng	96
37) 2-Methylnaphthalene	9.036	142	542243	52.119	ng	99
38) 1-Methylnaphthalene	9.136	142	504705	52.201	ng	98
40) 1,2,4,5-Tetrachloroben...	9.201	216	258490	57.145	ng	100
41) Hexachlorocyclopentadiene	9.189	237	175681	66.569	ng	100
43) 2,4,6-Trichlorophenol	9.313	196	176057	54.449	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	203928	54.794	ng		98
46) 1,1'-Biphenyl	9.501	154	639245	51.585	ng		99
47) 2-Chloronaphthalene	9.530	162	490049	51.920	ng		99
48) 2-Nitroaniline	9.625	65	117040	41.695	ng		97
49) Acenaphthylene	9.948	152	778277	50.524	ng		100
50) Dimethylphthalate	9.801	163	594201	52.847	ng		99
51) 2,6-Dinitrotoluene	9.866	165	132006	52.568	ng		95
52) Acenaphthene	10.119	154	507871	52.662	ng		99
53) 3-Nitroaniline	10.036	138	146479	48.100	ng		100
54) 2,4-Dinitrophenol	10.136	184	79832	61.638	ng		89
55) Dibenzofuran	10.295	168	697911	51.506	ng		99
56) 4-Nitrophenol	10.183	139	111037	48.454	ng		83
57) 2,4-Dinitrotoluene	10.272	165	179803	55.120	ng		91
58) Fluorene	10.636	166	546433	52.399	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	154167	56.822	ng		98
60) Diethylphthalate	10.501	149	604967	54.085	ng		98
61) 4-Chlorophenyl-phenyle...	10.624	204	275047	55.576	ng		95
62) 4-Nitroaniline	10.654	138	131802	45.133	ng		86
63) Azobenzene	10.789	77	456130	41.864	ng		93
65) 4,6-Dinitro-2-methylph...	10.677	198	101838	59.889	ng		87
66) n-Nitrosodiphenylamine	10.748	169	474067	50.531	ng		99
67) 4-Bromophenyl-phenylether	11.119	248	178001	58.019	ng		96
68) Hexachlorobenzene	11.189	284	198042	60.394	ng	#	91
69) Atrazine	11.266	200	146726	54.373	ng		99
70) Pentachlorophenol	11.377	266	128284	56.937	ng		99
71) Phenanthrene	11.607	178	808253	51.625	ng		99
72) Anthracene	11.660	178	834219	52.358	ng		99
73) Carbazole	11.813	167	707225	49.503	ng		100
74) Di-n-butylphthalate	12.130	149	928568	54.978	ng		100
75) Fluoranthene	12.807	202	842433	52.729	ng		96
77) Benzidine	12.924	184	183413	23.615	ng		99
78) Pyrene	13.036	202	873225	48.870	ng		100
80) Butylbenzylphthalate	13.648	149	395906	50.150	ng		91
81) Benzo(a)anthracene	14.230	228	801829	51.604	ng		99
82) 3,3'-Dichlorobenzidine	14.189	252	222532	44.966	ng		99
83) Chrysene	14.271	228	756943	52.026	ng		100
84) Bis(2-ethylhexyl)phtha...	14.201	149	548861	51.436	ng		99
85) Di-n-octyl phthalate	14.830	149	857976	49.296	ng		99
87) Indeno(1,2,3-cd)pyrene	17.430	276	811267	57.237	ng		97
88) Benzo(b)fluoranthene	15.336	252	695887	51.322	ng		99
89) Benzo(k)fluoranthene	15.371	252	689152	53.247	ng		99
90) Benzo(a)pyrene	15.742	252	654676	51.850	ng		99
91) Dibenzo(a,h)anthracene	17.453	278	669219	58.726	ng		98
92) Benzo(g,h,i)perylene	17.930	276	666940	56.651	ng		97

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

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