Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132501.D
Acq On : 22 Feb 2023 12:42
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 23 00:19:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:06:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.007	152	198647	20.000	ng		0.00
21) Naphthalene-d8	8.295	136	747359	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	409420	20.000	ng		0.00
64) Phenanthrene-d10	11.554	188	788797	20.000	ng		0.00
76) Chrysene-d12	14.213	240	603907	20.000	ng		0.00
86) Perylene-d12	15.771	264	523146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	137747	11.254	ng		0.00
7) Phenol-d6	6.637	99	177909	11.137	ng		0.00
23) Nitrobenzene-d5	7.566	82	163317	10.368	ng		-0.01
42) 2,4,6-Tribromophenol	10.848	330	45365	10.260	ng		-0.01
45) 2-Fluorobiphenyl	9.372	172	313248	11.650	ng		0.00
79) Terphenyl-d14	13.142	244	361390	10.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.902	88	33578	4.959	ng		97
3) Pyridine	3.690	79	86366	4.806	ng		97
4) n-Nitrosodimethylamine	3.613	42	31784	4.682	ng		100
6) Aniline	6.666	93	109503	5.094	ng		93
8) 2-Chlorophenol	6.801	128	70815	5.575	ng		95
10) Phenol	6.654	94	102006	5.570	ng		93
11) bis(2-Chloroethyl)ether	6.737	93	76044	5.379	ng		95
12) 1,3-Dichlorobenzene	6.948	146	75081	5.508	ng		97
13) 1,4-Dichlorobenzene	7.025	146	76458	5.617	ng		98
14) 1,2-Dichlorobenzene	7.178	146	73484	5.625	ng		97
15) Benzyl Alcohol	7.142	79	64863	5.272	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	100293	5.563	ng		98
17) 2-Methylphenol	7.260	107	64651	5.453	ng		97
18) Hexachloroethane	7.525	117	28318	5.325	ng		95
19) n-Nitroso-di-n-propyla...	7.407	70	57489	5.848	ng		97
20) 3+4-Methylphenols	7.419	107	86608	5.654	ng	#	74
22) Acetophenone	7.413	105	109010	5.785	ng	#	90
24) Nitrobenzene	7.584	77	85844	5.096	ng		96
25) Isophorone	7.825	82	155421	5.146	ng		99
26) 2-Nitrophenol	7.907	139	36261	4.878	ng		95
27) 2,4-Dimethylphenol	7.942	122	62791	5.352	ng		99
28) bis(2-Chloroethoxy)met...	8.031	93	94911	5.372	ng		98
29) 2,4-Dichlorophenol	8.160	162	61040	5.230	ng		94
30) 1,2,4-Trichlorobenzene	8.236	180	66751	5.268	ng		97
31) Naphthalene	8.319	128	215114	5.622	ng		98
33) 4-Chloroaniline	8.360	127	83490	5.092	ng		96
34) Hexachlorobutadiene	8.431	225	41576	5.163	ng		98
35) Caprolactam	8.695	113	18510	4.917	ng		92
36) 4-Chloro-3-methylphenol	8.848	107	65365	5.100	ng		92
37) 2-Methylnaphthalene	9.007	142	145844	5.594	ng		99
38) 1-Methylnaphthalene	9.107	142	135839	5.575	ng		100
40) 1,2,4,5-Tetrachloroben...	9.172	216	72062	5.380	ng		97
41) Hexachlorocyclopentadiene	9.160	237	25544	3.516	ng		99
43) 2,4,6-Trichlorophenol	9.289	196	45561	5.019	ng		99
44) 2,4,5-Trichlorophenol	9.342	196	53327	5.033	ng		97
46) 1,1'-Biphenyl	9.472	154	174114	5.619	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.501	162	133109	5.418	ng		96
48) 2-Nitroaniline	9.595	65	45436	5.021	ng		97
49) Acenaphthylene	9.919	152	217790	5.570	ng		98
50) Dimethylphthalate	9.766	163	158340	5.311	ng		99
51) 2,6-Dinitrotoluene	9.831	165	33972	5.004	ng		98
52) Acenaphthene	10.089	154	131005m	5.360	ng		
53) 3-Nitroaniline	10.007	138	37817	4.980	ng		93
55) Dibenzofuran	10.260	168	203867	5.632	ng		98
56) 4-Nitrophenol	10.189	139	24941	4.404	ng		95
57) 2,4-Dinitrotoluene	10.236	165	45782	5.069	ng		91
58) Fluorene	10.607	166	158816	5.736	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.383	232	37353	4.746	ng		98
60) Diethylphthalate	10.466	149	155199	5.331	ng		99
61) 4-Chlorophenyl-phenyle...	10.595	204	79562	5.539	ng		95
62) 4-Nitroaniline	10.613	138	36023m	4.858	ng		
63) Azobenzene	10.754	77	163649	5.307	ng		95
65) 4,6-Dinitro-2-methylph...	10.648	198	21896	4.101	ng		99
66) n-Nitrosodiphenylamine	10.713	169	133770	5.440	ng		99
67) 4-Bromophenyl-phenylether	11.089	248	46809	5.246	ng		97
68) Hexachlorobenzene	11.160	284	50093	5.336	ng		99
69) Atrazine	11.236	200	40517	5.278	ng		96
71) Phenanthrene	11.577	178	228978	5.603	ng		98
72) Anthracene	11.630	178	236650	5.624	ng		99
73) Carbazole	11.783	167	212685	5.606	ng		98
74) Di-n-butylphthalate	12.107	149	242128	5.441	ng	#	98
75) Fluoranthene	12.771	202	251084	5.621	ng		99
77) Benzidine	12.895	184	63643	4.329	ng		99
78) Pyrene	13.007	202	258760	4.713	ng		97
80) Butylbenzylphthalate	13.618	149	99961	4.614	ng		95
81) Benzo(a)anthracene	14.201	228	225088	4.981	ng		100
82) 3,3'-Dichlorobenzidine	14.160	252	71838	5.393	ng		98
83) Chrysene	14.236	228	221550	5.243	ng		97
84) Bis(2-ethylhexyl)phtha...	14.171	149	127418	4.787	ng		98
85) Di-n-octyl phthalate	14.801	149	185972	4.781	ng		98
87) Indeno(1,2,3-cd)pyrene	17.365	276	132694	3.871	ng		98
88) Benzo(b)fluoranthene	15.295	252	181416m	5.175	ng		
89) Benzo(k)fluoranthene	15.330	252	187586	5.467	ng		98
90) Benzo(a)pyrene	15.695	252	167949	5.119	ng		98
91) Dibenzo(a,h)anthracene	17.383	278	111036	3.976	ng		98
92) Benzo(g,h,i)perylene	17.848	276	107425	4.903	ng	#	95

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

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