Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
Data File : BF132813.D
Acq On : 16 Mar 2023 15:10
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 17 03:20:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:14:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	206237	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	743706	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	420604	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	768654	20.000	ng		0.00
76) Chrysene-d12	14.145	240	608619	20.000	ng		0.00
86) Perylene-d12	15.674	264	585425	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	139795	11.438	ng		0.00
7) Phenol-d6	6.592	99	187581	11.824	ng		0.00
23) Nitrobenzene-d5	7.522	82	157053	10.807	ng		-0.01
42) 2,4,6-Tribromophenol	10.792	330	45703	10.222	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	301128	11.761	ng		0.00
79) Terphenyl-d14	13.074	244	368925	10.946	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	35149	5.103	ng		96
3) Pyridine	3.622	79	69446m	4.097	ng		
4) n-Nitrosodimethylamine	3.540	42	29482	4.685	ng		90
6) Aniline	6.628	93	79530	4.364	ng		95
8) 2-Chlorophenol	6.751	128	73742	5.654	ng		98
9) Benzaldehyde	6.516	77	50201	7.690	ng		96
10) Phenol	6.604	94	101754	5.646	ng		95
11) bis(2-Chloroethyl)ether	6.687	93	88435	5.306	ng		98
12) 1,3-Dichlorobenzene	6.898	146	79509	5.625	ng		99
13) 1,4-Dichlorobenzene	6.975	146	80961	5.739	ng		97
14) 1,2-Dichlorobenzene	7.128	146	75323	5.851	ng		98
15) Benzyl Alcohol	7.104	79	43572	4.749	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	94205	5.809	ng		98
17) 2-Methylphenol	7.216	107	67455	5.691	ng		96
18) Hexachloroethane	7.469	117	29258	5.419	ng		94
19) n-Nitroso-di-n-propyla...	7.357	70	54850	6.060	ng		99
20) 3+4-Methylphenols	7.369	107	85871	6.017	ng	#	76
22) Acetophenone	7.363	105	111337	6.270	ng		95
24) Nitrobenzene	7.539	77	83566	5.319	ng		100
25) Isophorone	7.775	82	152257	5.330	ng		98
26) 2-Nitrophenol	7.863	139	37308	5.098	ng	#	88
27) 2,4-Dimethylphenol	7.892	122	65466	5.774	ng		94
28) bis(2-Chloroethoxy)met...	7.986	93	93550	5.452	ng		98
29) 2,4-Dichlorophenol	8.116	162	61829	5.267	ng		92
30) 1,2,4-Trichlorobenzene	8.181	180	69232	5.514	ng		98
31) Naphthalene	8.263	128	223257	5.984	ng		97
33) 4-Chloroaniline	8.328	127	73806	4.549	ng		96
34) Hexachlorobutadiene	8.375	225	43801	5.498	ng		96
35) Caprolactam	8.651	113	17387	4.831	ng	#	83
36) 4-Chloro-3-methylphenol	8.804	107	61214	5.127	ng		97
37) 2-Methylnaphthalene	8.957	142	148214	5.924	ng		99
38) 1-Methylnaphthalene	9.057	142	137492	5.836	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	74692	5.413	ng		99
43) 2,4,6-Trichlorophenol	9.239	196	44326	4.934	ng		97
44) 2,4,5-Trichlorophenol	9.298	196	49361	4.719	ng		97
46) 1,1'-Biphenyl	9.416	154	166918	5.349	ng		99

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Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.445	162	127065	5.143	ng		98
48) 2-Nitroaniline	9.545	65	37515	4.623	ng		96
49) Acenaphthylene	9.863	152	205481	5.412	ng		98
50) Dimethylphthalate	9.710	163	153284	5.083	ng		100
51) 2,6-Dinitrotoluene	9.780	165	31249	4.686	ng		94
52) Acenaphthene	10.033	154	133293	5.832	ng		98
53) 3-Nitroaniline	9.957	138	32835	4.405	ng		87
55) Dibenzofuran	10.204	168	201821	5.745	ng		97
56) 4-Nitrophenol	10.157	139	13696	3.082	ng		88
57) 2,4-Dinitrotoluene	10.192	165	43028	5.052	ng	#	96
58) Fluorene	10.551	166	166083	5.945	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.333	232	34568	4.560	ng		98
60) Diethylphthalate	10.410	149	152738	5.345	ng		97
61) 4-Chlorophenyl-phenyle...	10.539	204	82111	5.599	ng		98
62) 4-Nitroaniline	10.569	138	35886	5.506	ng		96
63) Azobenzene	10.698	77	155308	5.316	ng		97
65) 4,6-Dinitro-2-methylph...	10.598	198	19191	4.074	ng		86
66) n-Nitrosodiphenylamine	10.657	169	135640	5.710	ng		100
67) 4-Bromophenyl-phenylether	11.033	248	48987	5.512	ng		92
68) Hexachlorobenzene	11.098	284	50650	5.382	ng		97
69) Atrazine	11.180	200	34314	5.016	ng		95
70) Pentachlorophenol	11.304	266	13735m	3.449	ng		
71) Phenanthrene	11.516	178	226711	5.860	ng		98
72) Anthracene	11.569	178	231397	5.838	ng		99
73) Carbazole	11.727	167	202883	5.701	ng		100
74) Di-n-butylphthalate	12.045	149	244064	5.757	ng	#	96
75) Fluoranthene	12.716	202	244579	5.809	ng		96
77) Benzidine	12.857	184	7270m	1.886	ng		
78) Pyrene	12.945	202	254935	5.040	ng		98
80) Butylbenzylphthalate	13.551	149	96981	4.687	ng		92
81) Benzo(a)anthracene	14.139	228	230489	5.232	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	64500	5.640	ng		100
83) Chrysene	14.174	228	220892	5.306	ng		97
84) Bis(2-ethylhexyl)phtha...	14.104	149	127886	4.915	ng		99
85) Di-n-octyl phthalate	14.721	149	203397	4.990	ng		99
87) Indeno(1,2,3-cd)pyrene	17.239	276	164463	4.482	ng		98
88) Benzo(b)fluoranthene	15.215	252	194008	5.080	ng		99
89) Benzo(k)fluoranthene	15.251	252	191529	5.132	ng		98
90) Benzo(a)pyrene	15.609	252	180282	5.064	ng		99
91) Dibenzo(a,h)anthracene	17.251	278	135252	4.516	ng		98
92) Benzo(g,h,i)perylene	17.721	276	129551	4.140	ng		98

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

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