Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131708.D
Acq On : 20 Dec 2022 12:31
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 02:21:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	96674	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	362688	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	223810	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	431654	20.000	ng	0.00
76) Chrysene-d12	14.063	240	339290	20.000	ng	0.00
86) Perylene-d12	15.557	264	241258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	119739	20.663	ng	0.00
7) Phenol-d6	6.487	99	162828	21.443	ng	-0.02
23) Nitrobenzene-d5	7.428	82	177394	18.492	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	48762	19.610	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	331346	18.667	ng	0.00
79) Terphenyl-d14	12.998	244	405810	16.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	28145	10.760	ng	98
3) Pyridine	3.351	79	78289	10.781	ng	97
4) n-Nitrosodimethylamine	3.299	42	35267	8.806	ng	97
6) Aniline	6.522	93	99070	10.909	ng	97
8) 2-Chlorophenol	6.645	128	64959	10.578	ng	96
9) Benzaldehyde	6.416	77	61469	11.816	ng	97
10) Phenol	6.504	94	97122	11.466	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	69528	10.950	ng	97
12) 1,3-Dichlorobenzene	6.804	146	72520	10.186	ng	97
13) 1,4-Dichlorobenzene	6.881	146	75142	10.463	ng	98
14) 1,2-Dichlorobenzene	7.034	146	70326	10.251	ng	98
15) Benzyl Alcohol	7.004	79	71348	10.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	89716	10.939	ng	98
17) 2-Methylphenol	7.116	107	61337	11.083	ng	97
18) Hexachloroethane	7.381	117	29289	10.110	ng	91
19) n-Nitroso-di-n-propyla...	7.275	70	58526	10.278	ng	97
20) 3+4-Methylphenols	7.269	107	79448	10.539	ng	100
22) Acetophenone	7.275	105	108143	9.515	ng	99
24) Nitrobenzene	7.451	77	89913	9.293	ng	99
25) Isophorone	7.686	82	152563	9.873	ng	99
26) 2-Nitrophenol	7.769	139	34501	10.456	ng	97
27) 2,4-Dimethylphenol	7.804	122	50146	9.915	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	81958	10.253	ng	99
29) 2,4-Dichlorophenol	8.010	162	61447	9.826	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	71421	9.313	ng	98
31) Naphthalene	8.175	128	200611	9.821	ng	99
32) Benzoic acid	7.886	122	34002	9.283	ng	98
33) 4-Chloroaniline	8.228	127	78071	10.196	ng	95
34) Hexachlorobutadiene	8.292	225	47974	8.876	ng	98
35) Caprolactam	8.575	113	17709	10.948	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	69775	9.937	ng	96
37) 2-Methylnaphthalene	8.869	142	137992	9.878	ng	100
38) 1-Methylnaphthalene	8.969	142	132027	9.845	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	76643	9.251	ng	98
41) Hexachlorocyclopentadiene	9.022	237	26494	6.300	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	49201	9.601	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	53920	9.784	ng	97
46) 1,1'-Biphenyl	9.333	154	170198	9.618	ng	98
47) 2-Chloronaphthalene	9.363	162	138925	9.636	ng	97
48) 2-Nitroaniline	9.457	65	49544	9.701	ng	93
49) Acenaphthylene	9.780	152	211299	9.982	ng	99
50) Dimethylphthalate	9.633	163	169939	9.960	ng	99
51) 2,6-Dinitrotoluene	9.698	165	35884	10.188	ng	93
52) Acenaphthene	9.951	154	132020	9.309	ng	97
53) 3-Nitroaniline	9.869	138	37462	11.085	ng	99
54) 2,4-Dinitrophenol	9.975	184	17752	10.040	ng	92
55) Dibenzofuran	10.122	168	200954	10.029	ng	98
56) 4-Nitrophenol	10.028	139	25907	11.035	ng	95
57) 2,4-Dinitrotoluene	10.104	165	48997	10.487	ng	96
58) Fluorene	10.469	166	160429	9.849	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45738m	9.801	ng	
60) Diethylphthalate	10.339	149	165763	10.124	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	87249	9.692	ng	99
62) 4-Nitroaniline	10.480	138	37369	11.159	ng	96
63) Azobenzene	10.622	77	185425	9.930	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	27814	10.173	ng	96
66) n-Nitrosodiphenylamine	10.575	169	135561	9.714	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	50857	9.159	ng	97
68) Hexachlorobenzene	11.010	284	55555	9.249	ng	99
69) Atrazine	11.104	200	48956	11.047	ng	97
70) Pentachlorophenol	11.210	266	27554	8.911	ng	98
71) Phenanthrene	11.433	178	239869	9.970	ng	98
72) Anthracene	11.486	178	236764	10.115	ng	99
73) Carbazole	11.645	167	208324	10.903	ng	99
74) Di-n-butylphthalate	11.969	149	255882	10.916	ng	99
75) Fluoranthene	12.627	202	279927	11.299	ng	99
77) Benzidine	12.751	184	89744	9.872	ng	99
78) Pyrene	12.857	202	282001	8.429	ng	100
80) Butylbenzylphthalate	13.480	149	101863	10.521	ng	96
81) Benzo(a)anthracene	14.051	228	238870	9.749	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	75317	10.804	ng	98
83) Chrysene	14.086	228	226493	9.723	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	122534	10.452	ng	99
85) Di-n-octyl phthalate	14.657	149	169648	8.591	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	138473	7.033	ng	99
88) Benzo(b)fluoranthene	15.115	252	171447	10.782	ng	98
89) Benzo(k)fluoranthene	15.145	252	174203	10.496	ng	97
90) Benzo(a)pyrene	15.486	252	134197	9.889	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	114448	7.063	ng	98
92) Benzo(g,h,i)perylene	17.509	276	111747	6.862	ng	97

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

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