Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132238.D
Acq On : 31 Jan 2023 18:04
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 04:49:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 04:46:24 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	174013	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	646654	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	319217	20.000	ng	0.00
64) Phenanthrene-d10	11.625	188	589518	20.000	ng	0.00
76) Chrysene-d12	14.289	240	395222	20.000	ng	0.00
86) Perylene-d12	15.871	264	386745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	861444	82.366	ng	0.00
7) Phenol-d6	6.684	99	1065855	81.278	ng	0.00
23) Nitrobenzene-d5	7.637	82	927507	75.090	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	258346	87.400	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1527439	70.408	ng	0.00
79) Terphenyl-d14	13.213	244	1570456	62.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.961	88	207133	39.349	ng	100
3) Pyridine	3.731	79	566484	39.183	ng	100
4) n-Nitrosodimethylamine	3.690	42	178522	36.895	ng	100
6) Aniline	6.731	93	721086	39.268	ng	100
8) 2-Chlorophenol	6.854	128	455594	43.444	ng	100
9) Benzaldehyde	6.625	77	302186	35.516	ng	100
10) Phenol	6.696	94	553970	40.579	ng	100
11) bis(2-Chloroethyl)ether	6.801	93	457468	38.847	ng	100
12) 1,3-Dichlorobenzene	7.013	146	477270	40.938	ng	100
13) 1,4-Dichlorobenzene	7.090	146	476850	41.029	ng	100
14) 1,2-Dichlorobenzene	7.243	146	443526	41.079	ng	100
15) Benzyl Alcohol	7.201	79	398245	41.329	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.337	45	485423	36.299	ng	100
17) 2-Methylphenol	7.307	107	394255	41.348	ng	100
18) Hexachloroethane	7.590	117	180135	42.180	ng	100
19) n-Nitroso-di-n-propyla...	7.478	70	299395	37.932	ng	100
20) 3+4-Methylphenols	7.460	107	515170	42.989	ng	100
22) Acetophenone	7.478	105	600850	38.002	ng	100
24) Nitrobenzene	7.654	77	477481	37.390	ng	100
25) Isophorone	7.890	82	866134	36.462	ng	100
26) 2-Nitrophenol	7.966	139	241050	51.168	ng	100
27) 2,4-Dimethylphenol	7.995	122	403439	40.613	ng	100
28) bis(2-Chloroethoxy)met...	8.095	93	541671	37.037	ng	100
29) 2,4-Dichlorophenol	8.207	162	359377	38.745	ng	100
30) 1,2,4-Trichlorobenzene	8.295	180	384506	36.085	ng	100
31) Naphthalene	8.384	128	1265261	39.545	ng	100
32) Benzoic acid	8.090	122	308450m	52.579	ng	
33) 4-Chloroaniline	8.425	127	567747	40.932	ng	100
34) Hexachlorobutadiene	8.495	225	214605	32.241	ng	100
35) Caprolactam	8.795	113	124258	47.314	ng	100
36) 4-Chloro-3-methylphenol	8.890	107	390014	41.061	ng	100
37) 2-Methylnaphthalene	9.072	142	862640	39.295	ng	100
38) 1-Methylnaphthalene	9.172	142	802721	39.418	ng	100
40) 1,2,4,5-Tetrachloroben...	9.237	216	357732	33.393	ng	100
41) Hexachlorocyclopentadiene	9.225	237	216009	39.697	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	261599	40.020	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.384	196	298852	39.040	ng	100
46)	1,1'-Biphenyl	9.537	154	984826	40.033	ng	100
47)	2-Chloronaphthalene	9.566	162	747848	39.168	ng	100
48)	2-Nitroaniline	9.654	65	230385	44.929	ng	100
49)	Acenaphthylene	9.984	152	1231237	41.503	ng	100
50)	Dimethylphthalate	9.837	163	895789	41.349	ng	100
51)	2,6-Dinitrotoluene	9.895	165	204082	44.342	ng	100
52)	Acenaphthene	10.160	154	759863	41.660	ng	100
53)	3-Nitroaniline	10.072	138	246702	48.441	ng	100
54)	2,4-Dinitrophenol	10.172	184	107181	54.357	ng	100
55)	Dibenzofuran	10.331	168	1069102	39.125	ng	100
56)	4-Nitrophenol	10.213	139	190152	51.678	ng	100
57)	2,4-Dinitrotoluene	10.301	165	267313	47.178	ng	100
58)	Fluorene	10.678	166	810929	38.853	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.442	232	221976	40.811	ng	100
60)	Diethylphthalate	10.537	149	897524	42.501	ng	100
61)	4-Chlorophenyl-phenyle...	10.666	204	388712	35.305	ng	100
62)	4-Nitroaniline	10.689	138	235351	49.252	ng	100
63)	Azobenzene	10.825	77	877852	39.390	ng	100
65)	4,6-Dinitro-2-methylph...	10.713	198	143143	51.409	ng	100
66)	n-Nitrosodiphenylamine	10.784	169	730469	39.459	ng	100
67)	4-Bromophenyl-phenylether	11.160	248	238030	35.073	ng	100
68)	Hexachlorobenzene	11.225	284	254804	37.891	ng	100
69)	Atrazine	11.307	200	221198	41.631	ng	100
70)	Pentachlorophenol	11.419	266	182043	41.014	ng	100
71)	Phenanthrene	11.648	178	1207575	40.266	ng	100
72)	Anthracene	11.701	178	1241887	40.666	ng	100
73)	Carbazole	11.848	167	1104721	42.109	ng	100
74)	Di-n-butylphthalate	12.172	149	1325812	44.421	ng	100
75)	Fluoranthene	12.848	202	1237717	40.562	ng	100
77)	Benzidine	12.960	184	526580	51.045	ng	100
78)	Pyrene	13.078	202	1258746	33.992	ng	100
80)	Butylbenzylphthalate	13.689	149	569672	50.702	ng	100
81)	Benzo(a)anthracene	14.277	228	1111826	40.010	ng	100
82)	3,3'-Dichlorobenzidine	14.230	252	360390	47.858	ng	100
83)	Chrysene	14.313	228	1021813	39.458	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.242	149	764221	50.999	ng	100
85)	Di-n-octyl phthalate	14.883	149	1256743	58.345	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.524	276	991425	38.773	ng	100
88)	Benzo(b)fluoranthene	15.395	252	1019578	42.924	ng	100
89)	Benzo(k)fluoranthene	15.430	252	937910	38.268	ng	100
90)	Benzo(a)pyrene	15.807	252	926993	41.352	ng	100
91)	Dibenzo(a,h)anthracene	17.548	278	808911	38.693	ng	100
92)	Benzo(g,h,i)perylene	18.030	276	813629	38.171	ng	100

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

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