Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132144.D
Acq On : 19 Jan 2023 13:32
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 20 00:11:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:07:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	169947	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	574298	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	299783	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	571110	20.000	ng	0.00
76) Chrysene-d12	14.307	240	311669	20.000	ng	0.00
86) Perylene-d12	15.901	264	321403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	758471	77.963	ng	0.00
7) Phenol-d6	6.701	99	954609	77.950	ng	0.00
23) Nitrobenzene-d5	7.654	82	880688	81.464	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	265316	82.856	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1498425	78.225	ng	0.00
79) Terphenyl-d14	13.236	244	1442323	77.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	196981	39.966	ng	100
3) Pyridine	3.778	79	532677	40.260	ng	100
4) n-Nitrosodimethylamine	3.737	42	248242	39.894	ng	100
6) Aniline	6.754	93	658318	38.655	ng	100
8) 2-Chlorophenol	6.872	128	402247	39.335	ng	100
9) Benzaldehyde	6.642	77	306944	38.959	ng	100
10) Phenol	6.713	94	498859	39.129	ng	100
11) bis(2-Chloroethyl)ether	6.819	93	420156	38.930	ng	100
12) 1,3-Dichlorobenzene	7.031	146	446086	39.024	ng	100
13) 1,4-Dichlorobenzene	7.107	146	446695	39.162	ng	100
14) 1,2-Dichlorobenzene	7.266	146	407798	38.665	ng	100
15) Benzyl Alcohol	7.225	79	375920	39.591	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.360	45	617002	39.334	ng	100
17) 2-Methylphenol	7.325	107	354140	39.530	ng	100
18) Hexachloroethane	7.607	117	166087	40.564	ng	100
19) n-Nitroso-di-n-propyla...	7.495	70	287772	38.362	ng	100
20) 3+4-Methylphenols	7.484	107	447769	39.665	ng	100
22) Acetophenone	7.501	105	530480	38.431	ng	100
24) Nitrobenzene	7.672	77	466421	40.748	ng	100
25) Isophorone	7.907	82	825701	39.035	ng	100
26) 2-Nitrophenol	7.989	139	169914	42.583	ng	100
27) 2,4-Dimethylphenol	8.013	122	369954	40.420	ng	100
28) bis(2-Chloroethoxy)met...	8.119	93	494081	38.931	ng	100
29) 2,4-Dichlorophenol	8.225	162	354739	40.824	ng	100
30) 1,2,4-Trichlorobenzene	8.319	180	388596	39.372	ng	100
31) Naphthalene	8.401	128	1146683	38.878	ng	100
32) Benzoic acid	8.113	122	215433	40.096	ng	100
33) 4-Chloroaniline	8.442	127	501389	39.724	ng	100
34) Hexachlorobutadiene	8.513	225	260748	39.327	ng	100
35) Caprolactam	8.813	113	103837	42.217	ng	100
36) 4-Chloro-3-methylphenol	8.913	107	354572	40.548	ng	100
37) 2-Methylnaphthalene	9.095	142	785673	38.690	ng	100
38) 1-Methylnaphthalene	9.195	142	732441	38.764	ng	100
40) 1,2,4,5-Tetrachloroben...	9.260	216	410056	39.314	ng	100
41) Hexachlorocyclopentadiene	9.248	237	234059	41.122	ng	100
43) 2,4,6-Trichlorophenol	9.366	196	268487	41.476	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.401	196	313420	41.399	ng	100
46)	1,1'-Biphenyl	9.560	154	921691	38.971	ng	100
47)	2-Chloronaphthalene	9.589	162	716342	39.181	ng	100
48)	2-Nitroaniline	9.678	65	228133	43.338	ng	100
49)	Acenaphthylene	10.007	152	1146101	39.186	ng	100
50)	Dimethylphthalate	9.854	163	860394	39.627	ng	100
51)	2,6-Dinitrotoluene	9.919	165	180288	42.841	ng	100
52)	Acenaphthene	10.178	154	684074	38.885	ng	100
53)	3-Nitroaniline	10.089	138	192978	42.890	ng	100
54)	2,4-Dinitrophenol	10.189	184	66408	39.070	ng	100
55)	Dibenzofuran	10.354	168	1061594	39.048	ng	100
56)	4-Nitrophenol	10.230	139	138964	42.437	ng	100
57)	2,4-Dinitrotoluene	10.319	165	212688	42.104	ng	100
58)	Fluorene	10.695	166	768665	38.157	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.460	232	243020	42.198	ng	100
60)	Diethylphthalate	10.560	149	853449	40.084	ng	100
61)	4-Chlorophenyl-phenyle...	10.683	204	422248	39.143	ng	100
62)	4-Nitroaniline	10.707	138	168856	40.310	ng	100
63)	Azobenzene	10.848	77	839858	39.303	ng	100
65)	4,6-Dinitro-2-methylph...	10.730	198	96569	39.000	ng	100
66)	n-Nitrosodiphenylamine	10.801	169	701625	38.360	ng	100
67)	4-Bromophenyl-phenylether	11.177	248	270734	38.892	ng	100
68)	Hexachlorobenzene	11.248	284	268855	38.861	ng	100
69)	Atrazine	11.325	200	225347	39.933	ng	100
70)	Pentachlorophenol	11.436	266	185189	41.654	ng	100
71)	Phenanthrene	11.666	178	1139286	38.013	ng	100
72)	Anthracene	11.719	178	1150507	37.945	ng	100
73)	Carbazole	11.872	167	988127	38.153	ng	100
74)	Di-n-butylphthalate	12.195	149	1131265	39.237	ng	100
75)	Fluoranthene	12.866	202	1151764	37.412	ng	100
77)	Benzidine	12.983	184	425104	45.428	ng	100
78)	Pyrene	13.101	202	1151402	40.086	ng	100
80)	Butylbenzylphthalate	13.707	149	362674	43.571	ng	100
81)	Benzo(a)anthracene	14.295	228	874477	39.275	ng	100
82)	3,3'-Dichlorobenzidine	14.254	252	263165	42.440	ng	100
83)	Chrysene	14.330	228	829789	39.153	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.265	149	478672	43.550	ng	100
85)	Di-n-octyl phthalate	14.907	149	681099	40.365	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.565	276	1014980	43.516	ng	100
88)	Benzo(b)fluoranthene	15.418	252	790849	40.413	ng	100
89)	Benzo(k)fluoranthene	15.454	252	778274	38.996	ng	100
90)	Benzo(a)pyrene	15.836	252	768300	40.813	ng	100
91)	Dibenzo(a,h)anthracene	17.589	278	831784	43.729	ng	100
92)	Benzo(g,h,i)perylene	18.077	276	870045	43.468	ng	100

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

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