Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131084.D
Acq On : 09 Nov 2022 13:39
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 09 15:21:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 15:21:06 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	71363	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	253097	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	141253	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	265929	20.000	ng	0.00
76) Chrysene-d12	14.080	240	211745	20.000	ng	0.00
86) Perylene-d12	15.568	264	142358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	352430	79.634	ng	0.00
7) Phenol-d6	6.522	99	420452	77.837	ng	0.00
23) Nitrobenzene-d5	7.463	82	441379	80.835	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	119038	76.544	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	778529	75.113	ng	0.00
79) Terphenyl-d14	13.015	244	841468	63.713	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	101539	48.260	ng	100
3) Pyridine	3.440	79	287252	49.115	ng	100
4) n-Nitrosodimethylamine	3.410	42	162040	49.270	ng	100
6) Aniline	6.557	93	266348	39.648	ng	100
8) 2-Chlorophenol	6.681	128	185611	37.701	ng	100
9) Benzaldehyde	6.445	77	138989	44.544	ng	100
10) Phenol	6.539	94	251312	39.702	ng	100
11) bis(2-Chloroethyl)ether	6.633	93	177119	38.574	ng	100
12) 1,3-Dichlorobenzene	6.833	146	211171	38.976	ng	100
13) 1,4-Dichlorobenzene	6.910	146	214504	38.017	ng	100
14) 1,2-Dichlorobenzene	7.069	146	196400	35.611	ng	100
15) Benzyl Alcohol	7.039	79	172144	36.485	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	301100	37.708	ng	100
17) 2-Methylphenol	7.145	107	157270	38.182	ng	100
18) Hexachloroethane	7.404	117	81946	38.336	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	134872	35.036	ng	100
20) 3+4-Methylphenols	7.298	107	199258	37.406	ng	100
22) Acetophenone	7.310	105	255137	37.864	ng	100
24) Nitrobenzene	7.480	77	219997	39.284	ng	100
25) Isophorone	7.716	82	346028	36.973	ng	100
26) 2-Nitrophenol	7.798	139	95604	40.086	ng	100
27) 2,4-Dimethylphenol	7.828	122	145498m	39.483	ng	
28) bis(2-Chloroethoxy)met...	7.928	93	191449	37.040	ng	100
29) 2,4-Dichlorophenol	8.039	162	157594	39.707	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	170181	39.324	ng	100
31) Naphthalene	8.204	128	543548	39.295	ng	100
32) Benzoic acid	7.957	122	100415m	40.000	ng	
33) 4-Chloroaniline	8.251	127	213198	39.414	ng	100
34) Hexachlorobutadiene	8.310	225	117615	41.630	ng	100
35) Caprolactam	8.627	113	46753m	38.394	ng	
36) 4-Chloro-3-methylphenol	8.733	107	169408	39.547	ng	100
37) 2-Methylnaphthalene	8.892	142	338403	38.454	ng	100
38) 1-Methylnaphthalene	8.992	142	349867	41.636	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	182263	40.031	ng	100
41) Hexachlorocyclopentadiene	9.039	237	75129	35.798	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	121262	39.935	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	136865	40.196	ng	100
46) 1,1'-Biphenyl	9.357	154	428163	38.916	ng	100
47) 2-Chloronaphthalene	9.386	162	344661	38.641	ng	100
48) 2-Nitroaniline	9.480	65	132313	40.361	ng	100
49) Acenaphthylene	9.804	152	538906	39.316	ng	100
50) Dimethylphthalate	9.657	163	397541	36.417	ng	100
51) 2,6-Dinitrotoluene	9.722	165	90096	38.797	ng	100
52) Acenaphthene	9.974	154	318077	37.897	ng	100
53) 3-Nitroaniline	9.898	138	100854	40.238	ng	100
54) 2,4-Dinitrophenol	10.004	184	49202	42.076	ng	100
55) Dibenzofuran	10.145	168	469597	36.796	ng	100
56) 4-Nitrophenol	10.051	139	70089	39.620	ng	100
57) 2,4-Dinitrotoluene	10.127	165	120160	39.827	ng	100
58) Fluorene	10.492	166	388777	38.306	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	108423	39.087	ng	100
60) Diethylphthalate	10.357	149	387928	34.098	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	177212	35.252	ng	100
62) 4-Nitroaniline	10.516	138	102966	40.076	ng	100
63) Azobenzene	10.639	77	411776	37.238	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	71116	42.144	ng	100
66) n-Nitrosodiphenylamine	10.598	169	338228	35.994	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	114603	34.299	ng	100
68) Hexachlorobenzene	11.033	284	129087	35.617	ng	100
69) Atrazine	11.127	200	111156	41.584	ng	100
70) Pentachlorophenol	11.233	266	61049	38.823	ng	100
71) Phenanthrene	11.457	178	592550	39.559	ng	100
72) Anthracene	11.510	178	587890	39.986	ng	100
73) Carbazole	11.663	167	514473	40.899	ng	100
74) Di-n-butylphthalate	11.986	149	704720	41.826	ng	100
75) Fluoranthene	12.645	202	627206	39.448	ng	100
77) Benzidine	12.768	184	216965	37.987	ng	100
78) Pyrene	12.880	202	639681	33.171	ng	100
80) Butylbenzylphthalate	13.492	149	227969	30.006	ng	100
81) Benzo(a)anthracene	14.068	228	602446	39.184	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	172079	41.188	ng	100
83) Chrysene	14.104	228	546045	37.399	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	274794	31.572	ng	100
85) Di-n-octyl phthalate	14.662	149	330482	26.645	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	517894	49.243	ng	100
88) Benzo(b)fluoranthene	15.127	252	389929	37.692	ng	100
89) Benzo(k)fluoranthene	15.156	252	360910	35.807	ng	100
90) Benzo(a)pyrene	15.504	252	311582	37.883	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	421224	48.789	ng	100
92) Benzo(g,h,i)perylene	17.545	276	440677	50.376	ng	100

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

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