Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129801.D
Acq On : 16 Aug 2022 09:20
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:50:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	171590	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	662776	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	351093	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	607198	20.000	ng	0.00
76) Chrysene-d12	14.004	240	385219	20.000	ng	0.00
86) Perylene-d12	15.468	264	310278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	763427	73.664	ng	0.00
7) Phenol-d6	6.481	99	947207	72.985	ng	0.00
23) Nitrobenzene-d5	7.398	82	919945	74.303	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	265750	75.417	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1676966	72.544	ng	0.00
79) Terphenyl-d14	12.939	244	1723553	74.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	160761	37.599	ng	98
3) Pyridine	3.334	79	421516	37.672	ng	98
4) n-Nitrosodimethylamine	3.299	42	197460	38.293	ng	98
6) Aniline	6.493	93	550521	37.218	ng	99
8) 2-Chlorophenol	6.622	128	428877	37.174	ng	98
9) Benzaldehyde	6.381	77	263214	37.452	ng	98
10) Phenol	6.493	94	522121	36.676	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	398800	36.890	ng	98
12) 1,3-Dichlorobenzene	6.763	146	464915	37.327	ng	99
13) 1,4-Dichlorobenzene	6.840	146	467233	36.714	ng	99
14) 1,2-Dichlorobenzene	6.992	146	439034	37.144	ng	99
15) Benzyl Alcohol	6.975	79	354197	36.152	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	527603	36.423	ng	99
17) 2-Methylphenol	7.093	107	337197	36.400	ng	98
18) Hexachloroethane	7.328	117	180385	37.745	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	302656	36.894	ng	98
20) 3+4-Methylphenols	7.251	107	457899	36.824	ng	98
22) Acetophenone	7.240	105	588075	36.411	ng	99
24) Nitrobenzene	7.416	77	456429	36.560	ng	100
25) Isophorone	7.651	82	788608	37.007	ng	99
26) 2-Nitrophenol	7.728	139	229693	37.404	ng	99
27) 2,4-Dimethylphenol	7.769	122	321650	36.523	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	461834	37.118	ng	100
29) 2,4-Dichlorophenol	7.981	162	362506	37.644	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	370105	36.431	ng	97
31) Naphthalene	8.128	128	1280244	36.944	ng	100
32) Benzoic acid	7.916	122	145422m	39.256	ng	
33) 4-Chloroaniline	8.187	127	481179	35.309	ng	98
34) Hexachlorobutadiene	8.239	225	229755	37.142	ng	99
35) Caprolactam	8.569	113	113334m	37.846	ng	
36) 4-Chloro-3-methylphenol	8.681	107	382609	36.829	ng	99
37) 2-Methylnaphthalene	8.822	142	834167	36.676	ng	100
38) 1-Methylnaphthalene	8.922	142	805892	36.459	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	359552	36.820	ng	99
41) Hexachlorocyclopentadiene	8.963	237	84931	40.230	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	237073	37.366	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.157	196	258638	37.891	ng		100
46)	1,1'-Biphenyl	9.286	154	979078	36.708	ng		99
47)	2-Chloronaphthalene	9.310	162	781262	37.020	ng		97
48)	2-Nitroaniline	9.416	65	256554	38.468	ng		100
49)	Acenaphthylene	9.728	152	1177122	36.782	ng		100
50)	Dimethylphthalate	9.586	163	923483	36.692	ng		99
51)	2,6-Dinitrotoluene	9.657	165	205793	37.693	ng		100
52)	Acenaphthene	9.898	154	713232	36.734	ng		99
53)	3-Nitroaniline	9.834	138	227757	37.722	ng		100
54)	2,4-Dinitrophenol	9.945	184	87618	38.540	ng		98
55)	Dibenzofuran	10.069	168	1074450	36.835	ng		96
56)	4-Nitrophenol	10.016	139	104897	39.052	ng		96
57)	2,4-Dinitrotoluene	10.069	165	260047	36.692	ng		99
58)	Fluorene	10.416	166	892040	36.626	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.198	232	190852	38.099	ng	#	76
60)	Diethylphthalate	10.286	149	907470	36.160	ng		99
61)	4-Chlorophenyl-phenyle...	10.404	204	397490	36.367	ng		100
62)	4-Nitroaniline	10.451	138	231841m	38.062	ng		
63)	Azobenzene	10.563	77	887503	36.998	ng		99
65)	4,6-Dinitro-2-methylph...	10.481	198	144054	40.412	ng		99
66)	n-Nitrosodiphenylamine	10.528	169	759284	37.049	ng		99
67)	4-Bromophenyl-phenylether	10.892	248	260947	36.692	ng		98
68)	Hexachlorobenzene	10.963	284	286743	37.221	ng		97
69)	Atrazine	11.057	200	234975	37.356	ng		98
70)	Pentachlorophenol	11.169	266	74631	35.407	ng		98
71)	Phenanthrene	11.380	178	1246601	36.760	ng		100
72)	Anthracene	11.433	178	1226320	36.364	ng		99
73)	Carbazole	11.592	167	1120636	36.607	ng		100
74)	Di-n-butylphthalate	11.904	149	1445760	36.695	ng		100
75)	Fluoranthene	12.575	202	1261597	36.356	ng		100
77)	Benzidine	12.692	184	454019	49.660	ng		100
78)	Pyrene	12.804	202	1277592	38.165	ng		99
80)	Butylbenzylphthalate	13.410	149	544860	38.465	ng		99
81)	Benzo(a)anthracene	13.992	228	954642	36.025	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	296465	36.123	ng		99
83)	Chrysene	14.033	228	900075	36.285	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.963	149	659590	39.249	ng		99
85)	Di-n-octyl phthalate	14.574	149	878305	37.860	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.962	276	825596	38.759	ng		100
88)	Benzo(b)fluoranthene	15.045	252	731731	34.440	ng		100
89)	Benzo(k)fluoranthene	15.074	252	734210	36.034	ng		98
90)	Benzo(a)pyrene	15.410	252	604524	36.131	ng		97
91)	Dibenzo(a,h)anthracene	16.962	278	682103	38.809	ng		99
92)	Benzo(g,h,i)perylene	17.404	276	688928	39.290	ng		98

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

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