Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
Data File : BF131284.D
Acq On : 17 Nov 2022 14:13
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 18 00:57:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:51:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	84561	20.000	ng		0.00
21) Naphthalene-d8	8.263	136	286290	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	160382	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	276297	20.000	ng		0.00
76) Chrysene-d12	14.180	240	136952	20.000	ng		0.00
86) Perylene-d12	15.715	264	123209	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	551708	115.531	ng		0.00
7) Phenol-d6	6.592	99	683090	112.937	ng		0.00
23) Nitrobenzene-d5	7.545	82	706518	138.519	ng		0.00
42) 2,4,6-Tribromophenol	10.822	330	188453	123.012	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	1303940	118.978	ng		0.00
79) Terphenyl-d14	13.121	244	1139926	142.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	124662	56.979	ng		96
3) Pyridine	3.551	79	356080	57.581	ng		97
4) n-Nitrosodimethylamine	3.528	42	223808	62.093	ng		94
6) Aniline	6.639	93	431520m	56.878	ng		
8) 2-Chlorophenol	6.757	128	311734	58.072	ng		97
9) Benzaldehyde	6.522	77	219671	50.068	ng		99
10) Phenol	6.604	94	384712	56.857	ng		100
11) bis(2-Chloroethyl)ether	6.710	93	298466	56.337	ng		97
12) 1,3-Dichlorobenzene	6.916	146	348710	57.419	ng		96
13) 1,4-Dichlorobenzene	6.992	146	354514	57.721	ng		98
14) 1,2-Dichlorobenzene	7.145	146	329488	58.042	ng		98
15) Benzyl Alcohol	7.116	79	301883	57.460	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	576008	57.723	ng		99
17) 2-Methylphenol	7.216	107	262453	57.268	ng		99
18) Hexachloroethane	7.486	117	135786	60.814	ng		96
19) n-Nitroso-di-n-propyla...	7.392	70	243101	57.680	ng		98
20) 3+4-Methylphenols	7.375	107	331086	55.852	ng		94
22) Acetophenone	7.386	105	450235	60.331	ng	#	95
24) Nitrobenzene	7.563	77	366182	66.504	ng		99
25) Isophorone	7.804	82	623202	61.160	ng		99
26) 2-Nitrophenol	7.875	139	137504	73.095	ng		94
27) 2,4-Dimethylphenol	7.904	122	248379	59.552	ng		96
28) bis(2-Chloroethoxy)met...	8.010	93	336843	58.633	ng		100
29) 2,4-Dichlorophenol	8.116	162	273842	60.714	ng		98
30) 1,2,4-Trichlorobenzene	8.204	180	319202	60.361	ng		96
31) Naphthalene	8.286	128	917838	59.175	ng		100
32) Benzoic acid	8.039	122	168357	64.324	ng		95
33) 4-Chloroaniline	8.334	127	353793	57.943	ng		98
34) Hexachlorobutadiene	8.398	225	211147	63.086	ng		98
35) Caprolactam	8.722	113	77156	57.885	ng		95
36) 4-Chloro-3-methylphenol	8.810	107	287990	60.659	ng		99
37) 2-Methylnaphthalene	8.981	142	611380	59.184	ng		99
38) 1-Methylnaphthalene	9.081	142	592945	59.194	ng		99
40) 1,2,4,5-Tetrachloroben...	9.145	216	313157	60.643	ng		100
41) Hexachlorocyclopentadiene	9.133	237	157570	59.535	ng		100
43) 2,4,6-Trichlorophenol	9.257	196	204281	60.509	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	222766	61.488	ng		96
46)	1,1'-Biphenyl	9.451	154	732613	59.421	ng		98
47)	2-Chloronaphthalene	9.475	162	591574	59.230	ng		96
48)	2-Nitroaniline	9.569	65	203749	73.901	ng		99
49)	Acenaphthylene	9.892	152	893729	58.599	ng		100
50)	Dimethylphthalate	9.751	163	686797	59.802	ng		99
51)	2,6-Dinitrotoluene	9.810	165	141587	70.745	ng		88
52)	Acenaphthene	10.069	154	566460	59.502	ng		99
53)	3-Nitroaniline	9.986	138	139173	64.364	ng		97
54)	2,4-Dinitrophenol	10.080	184	50868	66.883	ng		93
55)	Dibenzofuran	10.239	168	799751	58.634	ng		98
56)	4-Nitrophenol	10.128	139	101695	56.279	ng		97
57)	2,4-Dinitrotoluene	10.216	165	171573	72.225	ng		93
58)	Fluorene	10.580	166	629867	58.684	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.351	232	187163	60.982	ng		99
60)	Diethylphthalate	10.451	149	646479	59.551	ng		99
61)	4-Chlorophenyl-phenyle...	10.575	204	317678	59.858	ng		96
62)	4-Nitroaniline	10.604	138	136095	63.728	ng		99
63)	Azobenzene	10.733	77	667957	58.768	ng		98
65)	4,6-Dinitro-2-methylph...	10.627	198	72876	67.700	ng		92
66)	n-Nitrosodiphenylamine	10.692	169	536226	61.086	ng		99
67)	4-Bromophenyl-phenylether	11.069	248	201692	62.172	ng	#	91
68)	Hexachlorobenzene	11.127	284	219259	62.365	ng		96
69)	Atrazine	11.222	200	166459	57.852	ng		98
70)	Pentachlorophenol	11.316	266	126653	61.720	ng		96
71)	Phenanthrene	11.551	178	889386	58.327	ng		99
72)	Anthracene	11.604	178	877612	58.917	ng		99
73)	Carbazole	11.757	167	713998	53.549	ng		99
74)	Di-n-butylphthalate	12.086	149	879667	56.688	ng		99
75)	Fluoranthene	12.745	202	862850	51.308	ng		98
77)	Benzidine	12.863	184	186269	63.468	ng		98
78)	Pyrene	12.980	202	853476	72.294	ng		100
80)	Butylbenzylphthalate	13.598	149	259863	64.951	ng		98
81)	Benzo(a)anthracene	14.168	228	579799	60.917	ng		99
82)	3,3'-Dichlorobenzidine	14.133	252	164825	59.182	ng		99
83)	Chrysene	14.210	228	557134	60.086	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.157	149	294110	58.450	ng		99
85)	Di-n-octyl phthalate	14.786	149	414755	58.329	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.309	276	667771	82.040	ng		100
88)	Benzo(b)fluoranthene	15.262	252	478171	55.586	ng		99
89)	Benzo(k)fluoranthene	15.292	252	496221	58.189	ng		99
90)	Benzo(a)pyrene	15.657	252	427940	62.233	ng		98
91)	Dibenzo(a,h)anthracene	17.339	278	537478	80.485	ng		98
92)	Benzo(g,h,i)perylene	17.798	276	553442	83.044	ng		98

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

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