Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031022\
Data File : BF127285.D
Acq On : 10 Mar 2022 12:08
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 10 13:48:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 13:46:12 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	73618	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	272175	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	162466	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	293553	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	251594	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	193191	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	102237	21.464	ng		0.00
7) Phenol-d6	6.498	99	138546	21.556	ng		0.00
23) Nitrobenzene-d5	7.434	82	134584	22.319	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	36905	19.729	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	247942	22.467	ng		-0.01
79) Terphenyl-d14	12.986	244	304217	17.775	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	26938	12.359	ng	#	82
3) Pyridine	3.405	79	65925	11.532	ng	#	72
4) n-Nitrosodimethylamine	3.352	42	36553	13.052	ng	#	57
6) Aniline	6.528	93	82302	10.808	ng		94
8) 2-Chlorophenol	6.651	128	54001	10.566	ng		93
9) Benzaldehyde	6.422	77	42525	10.870	ng		99
10) Phenol	6.510	94	76168	11.729	ng		86
11) bis(2-Chloroethyl)ether	6.598	93	57445	11.278	ng		88
12) 1,3-Dichlorobenzene	6.810	146	60867	11.041	ng		97
13) 1,4-Dichlorobenzene	6.887	146	59297	10.610	ng		98
14) 1,2-Dichlorobenzene	7.040	146	58156	10.911	ng		96
15) Benzyl Alcohol	7.010	79	53420	9.866	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.140	45	107601	13.415	ng		98
17) 2-Methylphenol	7.122	107	44741	10.119	ng		95
18) Hexachloroethane	7.375	117	22870	10.675	ng	#	87
19) n-Nitroso-di-n-propyla...	7.269	70	44382	10.716	ng	#	84
20) 3+4-Methylphenols	7.275	107	58805	10.242	ng	#	58
22) Acetophenone	7.275	105	77092	10.758	ng	#	85
24) Nitrobenzene	7.451	77	64297	11.287	ng		97
25) Isophorone	7.687	82	108484	10.872	ng	#	98
26) 2-Nitrophenol	7.769	139	26579	10.959	ng	#	75
27) 2,4-Dimethylphenol	7.798	122	40723	10.221	ng		92
28) bis(2-Chloroethoxy)met...	7.898	93	70892	11.719	ng		98
29) 2,4-Dichlorophenol	8.010	162	47930	12.795	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	54644	13.048	ng		96
31) Naphthalene	8.175	128	156134	10.989	ng		99
32) Benzoic acid	7.892	122	16568	5.863	ng		92
33) 4-Chloroaniline	8.222	127	61419	10.983	ng	#	90
34) Hexachlorobutadiene	8.287	225	36996	15.132	ng		99
35) Caprolactam	8.569	113	13653	10.437	ng	#	76
36) 4-Chloro-3-methylphenol	8.704	107	51310	10.718	ng		96
37) 2-Methylnaphthalene	8.863	142	104067	11.288	ng		95
38) 1-Methylnaphthalene	8.963	142	101768	11.527	ng		96
40) 1,2,4,5-Tetrachloroben...	9.028	216	55739	13.033	ng	#	92
41) Hexachlorocyclopentadiene	9.010	237	10444	4.503	ng		92
43) 2,4,6-Trichlorophenol	9.145	196	33465	10.669	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	34540m	10.464	ng		
46)	1,1'-Biphenyl	9.328	154	134267	10.431	ng		97
47)	2-Chloronaphthalene	9.351	162	104422	10.940	ng		98
48)	2-Nitroaniline	9.451	65	37514	9.959	ng		88
49)	Acenaphthylene	9.769	152	158266	10.207	ng		98
50)	Dimethylphthalate	9.622	163	121908	10.498	ng		97
51)	2,6-Dinitrotoluene	9.692	165	24407	10.330	ng		93
52)	Acenaphthene	9.939	154	93052	9.228	ng		94
53)	3-Nitroaniline	9.863	138	26578	9.203	ng	#	93
54)	2,4-Dinitrophenol	9.981	184	8384	6.704	ng	#	87
55)	Dibenzofuran	10.116	168	148392	10.702	ng		97
56)	4-Nitrophenol	10.033	139	15270	7.159	ng	#	72
57)	2,4-Dinitrotoluene	10.098	165	32963	10.319	ng	#	92
58)	Fluorene	10.457	166	113624	10.520	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	28607	10.932	ng	#	79
60)	Diethylphthalate	10.322	149	114401	9.428	ng		97
61)	4-Chlorophenyl-phenyle...	10.451	204	60566	11.892	ng	#	86
62)	4-Nitroaniline	10.475	138	26905	9.434	ng	#	74
63)	Azobenzene	10.610	77	131916	9.763	ng		89
65)	4,6-Dinitro-2-methylph...	10.510	198	17240	9.995	ng		84
66)	n-Nitrosodiphenylamine	10.569	169	100632	10.454	ng		97
67)	4-Bromophenyl-phenylether	10.939	248	38310	11.680	ng		98
68)	Hexachlorobenzene	11.004	284	40923	11.590	ng		90
69)	Atrazine	11.092	200	34021	11.396	ng		93
70)	Pentachlorophenol	11.210	266	11515	5.974	ng		97
71)	Phenanthrene	11.428	178	170668	10.387	ng		99
72)	Anthracene	11.475	178	176170	10.770	ng		99
73)	Carbazole	11.633	167	161717	10.781	ng		98
74)	Di-n-butylphthalate	11.957	149	182186	9.448	ng		100
75)	Fluoranthene	12.616	202	190947	12.239	ng		92
77)	Benzidine	12.739	184	70309	10.283	ng		98
78)	Pyrene	12.845	202	195045	8.923	ng		99
80)	Butylbenzylphthalate	13.457	149	77350	7.475	ng	#	96
81)	Benzo(a)anthracene	14.039	228	177685	10.476	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	61103	11.431	ng	#	96
83)	Chrysene	14.074	228	166730	10.453	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	106036	7.805	ng		98
85)	Di-n-octyl phthalate	14.627	149	157470	8.050	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.033	276	108647	8.577	ng	#	84
88)	Benzo(b)fluoranthene	15.092	252	132578	10.218	ng	#	93
89)	Benzo(k)fluoranthene	15.121	252	127640	10.199	ng	#	92
90)	Benzo(a)pyrene	15.468	252	103152	10.178	ng	#	92
91)	Dibenzo(a,h)anthracene	17.045	278	91664	8.749	ng	#	91
92)	Benzo(g,h,i)perylene	17.492	276	90208	8.734	ng	#	85

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

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