Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030922\
Data File : BF127278.D
Acq On : 09 Mar 2022 15:48
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 16:07:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 09 15:52:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	77936	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	259805	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	161099	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	286255	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	193647	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	145824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	459341	91.093	ng		0.00
7) Phenol-d6	6.510	99	602198	88.504	ng		0.00
23) Nitrobenzene-d5	7.445	82	607434	105.533	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	170789	92.078	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1050223	95.971	ng		0.00
79) Terphenyl-d14	12.992	244	1113348	84.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	115693	50.140	ng	#	77
3) Pyridine	3.416	79	311967	51.546	ng	#	73
4) n-Nitrosodimethylamine	3.393	42	184351	62.181	ng	#	60
6) Aniline	6.539	93	363177	45.049	ng		91
8) 2-Chlorophenol	6.663	128	239303	44.230	ng		96
9) Benzaldehyde	6.428	77	151163	36.497	ng		96
10) Phenol	6.522	94	325302	47.316	ng		73
11) bis(2-Chloroethyl)ether	6.610	93	256317	47.533	ng		88
12) 1,3-Dichlorobenzene	6.810	146	268548	46.013	ng		96
13) 1,4-Dichlorobenzene	6.886	146	260914	44.097	ng		96
14) 1,2-Dichlorobenzene	7.045	146	251046	44.492	ng		96
15) Benzyl Alcohol	7.016	79	246745	43.046	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.145	45	491883	57.928	ng		99
17) 2-Methylphenol	7.128	107	202392	43.237	ng	#	90
18) Hexachloroethane	7.381	117	104239	45.961	ng	#	81
19) n-Nitroso-di-n-propyla...	7.286	70	197629	45.076	ng	#	84
20) 3+4-Methylphenols	7.281	107	249728	41.084	ng		91
22) Acetophenone	7.286	105	340903	49.836	ng	#	84
24) Nitrobenzene	7.463	77	289549	53.251	ng		95
25) Isophorone	7.698	82	503208	52.833	ng	#	98
26) 2-Nitrophenol	7.775	139	122976	53.119	ng	#	75
27) 2,4-Dimethylphenol	7.810	122	183377	48.217	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	338588	58.638	ng		98
29) 2,4-Dichlorophenol	8.016	162	220582	61.691	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	248948	62.275	ng		97
31) Naphthalene	8.181	128	687490	50.691	ng		99
32) Benzoic acid	7.951	122	132953	49.293	ng	#	83
33) 4-Chloroaniline	8.228	127	260262	48.755	ng	#	89
34) Hexachlorobutadiene	8.286	225	161748	69.306	ng		98
35) Caprolactam	8.616	113	67526	54.080	ng	#	73
36) 4-Chloro-3-methylphenol	8.716	107	233892	51.183	ng		100
37) 2-Methylnaphthalene	8.869	142	445084	50.576	ng		96
38) 1-Methylnaphthalene	8.969	142	431623	51.218	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	237008	55.889	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	99569	43.291	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	156357	50.271	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	167523m	51.184	ng		
46) 1,1'-Biphenyl	9.333	154	564364	44.217	ng		98
47) 2-Chloronaphthalene	9.363	162	435785	46.042	ng		99
48) 2-Nitroaniline	9.463	65	173329	46.406	ng		88
49) Acenaphthylene	9.780	152	660512	42.961	ng		98
50) Dimethylphthalate	9.639	163	541780	47.049	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	112193	47.888	ng	#	86
52) Acenaphthene	9.951	154	397731	39.778	ng		96
53) 3-Nitroaniline	9.880	138	121072	42.277	ng		99
54) 2,4-Dinitrophenol	9.986	184	63632	51.315	ng		92
55) Dibenzofuran	10.122	168	625941	45.526	ng		96
56) 4-Nitrophenol	10.045	139	77833	36.798	ng	#	76
57) 2,4-Dinitrotoluene	10.110	165	149290	47.129	ng	#	93
58) Fluorene	10.469	166	498488	46.545	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	139386	53.718	ng	#	81
60) Diethylphthalate	10.333	149	497809	41.373	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	276509	54.754	ng	#	84
62) 4-Nitroaniline	10.498	138	119663	42.314	ng	#	74
63) Azobenzene	10.616	77	603619	45.052	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	93612	55.657	ng	#	79
66) n-Nitrosodiphenylamine	10.580	169	436863	46.541	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	169535	53.007	ng		98
68) Hexachlorobenzene	11.010	284	181198	52.626	ng		92
69) Atrazine	11.104	200	138475	47.566	ng		94
70) Pentachlorophenol	11.210	266	79618	42.360	ng		96
71) Phenanthrene	11.433	178	709933	44.309	ng		99
72) Anthracene	11.486	178	700260	43.902	ng		100
73) Carbazole	11.639	167	659327	45.075	ng		99
74) Di-n-butylphthalate	11.957	149	758655	40.344	ng		98
75) Fluoranthene	12.621	202	744694	48.951	ng		92
77) Benzidine	12.745	184	135963	25.836	ng		97
78) Pyrene	12.851	202	745512	44.313	ng		99
80) Butylbenzylphthalate	13.463	149	290345	36.454	ng	#	90
81) Benzo(a)anthracene	14.045	228	627882	48.095	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	177135	43.054	ng	#	96
83) Chrysene	14.080	228	584884	47.643	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	384339	36.756	ng	#	97
85) Di-n-octyl phthalate	14.627	149	548114	36.406	ng		96
87) Indeno(1,2,3-cd)pyrene	17.051	276	485734	50.799	ng	#	83
88) Benzo(b)fluoranthene	15.104	252	447220	45.662	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	432459	45.779	ng	#	92
90) Benzo(a)pyrene	15.474	252	358968	46.923	ng	#	91
91) Dibenzo(a,h)anthracene	17.068	278	400568	50.652	ng	#	88
92) Benzo(g,h,i)perylene	17.515	276	399946	51.299	ng	#	83

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

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