Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030922\
Data File : BF127275.D
Acq On : 09 Mar 2022 14:20
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 09 15:53:29 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 :
SSTDICC010

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	91019	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	334045	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	194752	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	361802	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	291178	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	235780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	124938	21.215	ng		0.00
7) Phenol-d6	6.498	99	175318	22.063	ng		-0.01
23) Nitrobenzene-d5	7.433	82	165102	22.309	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	42368	18.895	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	305584	23.099	ng		0.00
79) Terphenyl-d14	12.986	244	356589	18.003	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	24384	9.049	ng	#	80
3) Pyridine	3.422	79	71712	10.146	ng	#	78
4) n-Nitrosodimethylamine	3.363	42	39202	11.322	ng	#	62
6) Aniline	6.534	93	99441	10.562	ng		95
8) 2-Chlorophenol	6.657	128	66843	10.579	ng		100
9) Benzaldehyde	6.422	77	53314	11.022	ng		91
10) Phenol	6.510	94	96447	12.012	ng		87
11) bis(2-Chloroethyl)ether	6.604	93	68518	10.880	ng		93
12) 1,3-Dichlorobenzene	6.810	146	71846	10.541	ng		98
13) 1,4-Dichlorobenzene	6.886	146	73918	10.697	ng		98
14) 1,2-Dichlorobenzene	7.039	146	70555	10.707	ng		95
15) Benzyl Alcohol	7.010	79	65430	9.774	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.139	45	131116	13.222	ng		99
17) 2-Methylphenol	7.122	107	55615	10.173	ng		94
18) Hexachloroethane	7.381	117	28080	10.601	ng	#	77
19) n-Nitroso-di-n-propyla...	7.275	70	52189	10.192	ng	#	83
20) 3+4-Methylphenols	7.275	107	72265	10.180	ng	#	69
22) Acetophenone	7.275	105	94937	10.794	ng	#	85
24) Nitrobenzene	7.451	77	78397	11.214	ng		96
25) Isophorone	7.686	82	134853	11.012	ng		98
26) 2-Nitrophenol	7.769	139	32174	10.809	ng	#	80
27) 2,4-Dimethylphenol	7.804	122	51257	10.482	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	88874	11.971	ng		98
29) 2,4-Dichlorophenol	8.010	162	57924	12.599	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	66327	12.904	ng		98
31) Naphthalene	8.175	128	190765	10.940	ng		100
32) Benzoic acid	7.898	122	23389	6.744	ng		84
33) 4-Chloroaniline	8.228	127	74342	10.831	ng		97
34) Hexachlorobutadiene	8.286	225	42578	14.189	ng		98
35) Caprolactam	8.569	113	17408	10.843	ng	#	72
36) 4-Chloro-3-methylphenol	8.704	107	61650	10.493	ng		97
37) 2-Methylnaphthalene	8.863	142	126018	11.137	ng		96
38) 1-Methylnaphthalene	8.963	142	122886	11.341	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	65260	12.730	ng	#	93
41) Hexachlorocyclopentadiene	9.010	237	12199	4.387	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	40334	10.727	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	43329m	10.951	ng		
46)	1,1'-Biphenyl	9.327	154	162735	10.547	ng		99
47)	2-Chloronaphthalene	9.357	162	125076	10.931	ng		99
48)	2-Nitroaniline	9.457	65	45798	10.143	ng		98
49)	Acenaphthylene	9.769	152	192903	10.379	ng		98
50)	Dimethylphthalate	9.627	163	147933	10.627	ng		99
51)	2,6-Dinitrotoluene	9.692	165	30670	10.829	ng	#	88
52)	Acenaphthene	9.945	154	113755	9.411	ng		96
53)	3-Nitroaniline	9.869	138	33339	9.630	ng		97
54)	2,4-Dinitrophenol	9.980	184	12732	8.493	ng		91
55)	Dibenzofuran	10.116	168	180496	10.859	ng		98
56)	4-Nitrophenol	10.033	139	18893	7.389	ng	#	75
57)	2,4-Dinitrotoluene	10.098	165	38911	10.161	ng		95
58)	Fluorene	10.457	166	140012	10.814	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	35990	11.473	ng	#	80
60)	Diethylphthalate	10.327	149	138861	9.546	ng		95
61)	4-Chlorophenyl-phenyle...	10.451	204	75727	12.404	ng		88
62)	4-Nitroaniline	10.480	138	33005	9.654	ng		88
63)	Azobenzene	10.610	77	159613	9.854	ng		90
65)	4,6-Dinitro-2-methylph...	10.510	198	21148	9.948	ng		84
66)	n-Nitrosodiphenylamine	10.569	169	119065	10.036	ng		99
67)	4-Bromophenyl-phenylether	10.939	248	46399	11.478	ng		98
68)	Hexachlorobenzene	11.004	284	48656	11.181	ng	#	92
69)	Atrazine	11.092	200	42678	11.599	ng		95
70)	Pentachlorophenol	11.210	266	15844	6.670	ng		96
71)	Phenanthrene	11.427	178	202499	10.000	ng		100
72)	Anthracene	11.480	178	204683	10.153	ng		98
73)	Carbazole	11.633	167	195074	10.552	ng		98
74)	Di-n-butylphthalate	11.957	149	225959	9.507	ng		99
75)	Fluoranthene	12.615	202	234843	12.213	ng		94
77)	Benzidine	12.739	184	83860	10.598	ng	#	97
78)	Pyrene	12.851	202	240388	9.503	ng		99
80)	Butylbenzylphthalate	13.457	149	90566	7.562	ng	#	97
81)	Benzo(a)anthracene	14.039	228	207234	10.557	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	68667	11.100	ng	#	97
83)	Chrysene	14.074	228	198265	10.740	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	124452	7.915	ng	#	94
85)	Di-n-octyl phthalate	14.627	149	192485	8.503	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.039	276	131328	8.494	ng	#	85
88)	Benzo(b)fluoranthene	15.098	252	158526	10.011	ng	#	92
89)	Benzo(k)fluoranthene	15.127	252	163532	10.706	ng	#	94
90)	Benzo(a)pyrene	15.474	252	128693	10.404	ng	#	92
91)	Dibenzo(a,h)anthracene	17.050	278	107768	8.428	ng	#	91
92)	Benzo(g,h,i)perylene	17.498	276	104536	8.293	ng	#	84

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

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