Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126019.D
Acq On : 3 Nov 2021 14:32
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 16:16:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 16:12:24 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	185959	20.00	ng		0.00
21) Naphthalene-d8	8.140	136	643162	20.00	ng	#	0.00
39) Acenaphthene-d10	9.892	164	383250	20.00	ng		0.00
64) Phenanthrene-d10	11.375	188	707502	20.00	ng	#	0.00
76) Chrysene-d12	14.010	240	485658	20.00	ng	#	0.00
86) Perylene-d12	15.469	264	361005	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1014203	77.38	ng		0.00
7) Phenol-d6	6.487	99	1423054	83.52	ng		0.00
23) Nitrobenzene-d5	7.422	82	1406414	107.12	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	444735	120.64	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2634920	121.26	ng		0.00
79) Terphenyl-d14	12.963	244	3020932	116.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	207326	35.27	ng	#	100
3) Pyridine	3.369	79	557044	34.57	ng		94
4) n-Nitrosodimethylamine	3.328	42	404081	49.29	ng	#	93
6) Aniline	6.522	93	779609	37.23	ng	#	91
8) 2-Chlorophenol	6.646	128	545047	42.43	ng		83
9) Benzaldehyde	6.404	77	393741	38.49	ng	#	85
10) Phenol	6.498	94	722914	38.34	ng	#	71
11) bis(2-Chloroethyl)ether	6.593	93	526287	38.31	ng		85
12) 1,3-Dichlorobenzene	6.798	146	609070	43.95	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	627820	45.33	ng		96
14) 1,2-Dichlorobenzene	7.028	146	598781	44.27	ng		96
15) Benzyl Alcohol	6.998	79	615931	48.30	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.134	45	959126	35.96	ng		96
17) 2-Methylphenol	7.104	107	461592	40.77	ng	#	87
18) Hexachloroethane	7.369	117	234585	45.08	ng	#	85
19) n-Nitroso-di-n-propyla...	7.275	70	476978	47.30	ng	#	83
20) 3+4-Methylphenols	7.263	107	618798	41.17	ng	#	78
22) Acetophenone	7.269	105	868237	53.49	ng	#	85
24) Nitrobenzene	7.440	77	673228	51.76	ng	#	80
25) Isophorone	7.681	82	1135575	47.25	ng	#	87
26) 2-Nitrophenol	7.751	139	227539	42.07	ng	#	53
27) 2,4-Dimethylphenol	7.793	122	420476m	45.73	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	680667	44.33	ng	#	96
29) 2,4-Dichlorophenol	7.993	162	488641	53.14	ng		92
30) 1,2,4-Trichlorobenzene	8.081	180	578945	54.95	ng		98
31) Naphthalene	8.163	128	1552647	48.48	ng		99
32) Benzoic acid	7.928	122	272180	40.54	ng	#	63
33) 4-Chloroaniline	8.210	127	615304	44.34	ng	#	89
34) Hexachlorobutadiene	8.281	225	399420	62.71	ng		99
35) Caprolactam	8.592	113	130523	40.65	ng	#	52
36) 4-Chloro-3-methylphenol	8.687	107	557446	51.40	ng	#	83
37) 2-Methylnaphthalene	8.851	142	1068513	50.75	ng		98
38) 1-Methylnaphthalene	8.951	142	1037331	50.55	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	600931	56.70	ng		99
41) Hexachlorocyclopentadiene	9.004	237	352069	63.97	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	382160	51.42	ng		98

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44) 2,4,5-Trichlorophenol	9.163	196	409875	52.71	ng		94
46) 1,1'-Biphenyl	9.316	154	1374960	47.63	ng		98
47) 2-Chloronaphthalene	9.339	162	1087594	52.24	ng		99
48) 2-Nitroaniline	9.434	65	369945	43.34	ng	#	73
49) Acenaphthylene	9.757	152	1636103	51.84	ng		98
50) Dimethylphthalate	9.622	163	1310802	54.90	ng		99
51) 2,6-Dinitrotoluene	9.675	165	256969	49.23	ng	#	58
52) Acenaphthene	9.928	154	1055662	49.63	ng		97
53) 3-Nitroaniline	9.845	138	254937	41.79	ng	#	58
54) 2,4-Dinitrophenol	9.945	184	99947	43.42	ng	#	81
55) Dibenzofuran	10.098	168	1543466	48.17	ng		98
56) 4-Nitrophenol	9.998	139	197739	41.07	ng	#	53
57) 2,4-Dinitrotoluene	10.081	165	331865	48.82	ng	#	98
58) Fluorene	10.439	166	1237303	53.04	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	357649	54.30	ng	#	88
60) Diethylphthalate	10.316	149	1290587	53.54	ng		98
61) 4-Chlorophenyl-phenyle...	10.434	204	676037	61.56	ng		87
62) 4-Nitroaniline	10.457	138	264445	45.67	ng	#	78
63) Azobenzene	10.592	77	1395570	50.05	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	165129	43.17	ng		96
66) n-Nitrosodiphenylamine	10.551	169	1052866	49.38	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	404012	52.29	ng		96
68) Hexachlorobenzene	10.986	284	428337	52.61	ng		92
69) Atrazine	11.075	200	366099	52.70	ng		92
70) Pentachlorophenol	11.175	266	256820	55.33	ng		93
71) Phenanthrene	11.398	178	1792296	47.94	ng		97
72) Anthracene	11.451	178	1783510	49.41	ng		97
73) Carbazole	11.604	167	1645355	47.04	ng		99
74) Di-n-butylphthalate	11.939	149	1936860	50.74	ng	#	98
75) Fluoranthene	12.586	202	1954975	49.89	ng		95
77) Benzidine	12.710	184	1169825	63.76	ng	#	97
78) Pyrene	12.816	202	1947558	49.39	ng		95
80) Butylbenzylphthalate	13.433	149	733216	45.68	ng	#	82
81) Benzo(a)anthracene	14.004	228	1599368	51.46	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	481853	42.45	ng	#	97
83) Chrysene	14.039	228	1493101	46.46	ng		96
84) Bis(2-ethylhexyl)phtha...	13.998	149	970853	51.87	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1330556	40.66	ng		97
87) Indeno(1,2,3-cd)pyrene	16.927	276	1104413	49.94	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1150153	47.72	ng	#	95
89) Benzo(k)fluoranthene	15.074	252	1023002	43.65	ng		99
90) Benzo(a)pyrene	15.410	252	878910	45.21	ng	#	93
91) Dibenzo(a,h)anthracene	16.945	278	898370	49.83	ng	#	91
92) Benzo(g,h,i)perylene	17.368	276	883083	48.88	ng	#	84

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

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