Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126038.D
Acq On : 4 Nov 2021 10:54
Operator : JU/CG
Sample : PB140452BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 14:21:19 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 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140452BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	168947	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	639008	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	398340	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	761939	20.000	ng	#	0.00
76) Chrysene-d12	14.010	240	555986	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	390442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1150030	116.896	ng		0.02
7) Phenol-d6	6.487	99	1499725	108.139	ng		0.00
23) Nitrobenzene-d5	7.416	82	1095105	80.821	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	577943	126.603	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2166693	73.505	ng		0.00
79) Terphenyl-d14	12.957	244	2691844	78.073	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	126832	31.005	ng	#	100
3) Pyridine	3.452	79	308854	28.058	ng		94
4) n-Nitrosodimethylamine	3.399	42	299906	38.852	ng	#	90
6) Aniline	6.516	93	559263	36.571	ng	#	88
8) 2-Chlorophenol	6.640	128	440036	41.858	ng		83
9) Benzaldehyde	6.398	77	299577	36.178	ng	#	84
10) Phenol	6.498	94	589887	41.599	ng		77
11) bis(2-Chloroethyl)ether	6.587	93	416982	40.371	ng		84
12) 1,3-Dichlorobenzene	6.793	146	470948	39.335	ng	#	91
13) 1,4-Dichlorobenzene	6.869	146	482876	39.552	ng		94
14) 1,2-Dichlorobenzene	7.022	146	462935	39.358	ng		95
15) Benzyl Alcohol	6.998	79	482846	40.768	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	749054	39.440	ng		94
17) 2-Methylphenol	7.104	107	376632	42.098	ng	#	88
18) Hexachloroethane	7.369	117	193764	42.244	ng	#	81
19) n-Nitroso-di-n-propyla...	7.269	70	387598	42.394	ng	#	83
20) 3+4-Methylphenols	7.257	107	507396	41.949	ng	#	78
22) Acetophenone	7.263	105	714046	38.689	ng	#	82
24) Nitrobenzene	7.434	77	573746	42.753	ng	#	81
25) Isophorone	7.675	82	969264	39.731	ng	#	87
26) 2-Nitrophenol	7.751	139	219767	46.454	ng	#	59
27) 2,4-Dimethylphenol	7.787	122	408478	45.926	ng	#	76
28) bis(2-Chloroethoxy)met...	7.887	93	544404	37.844	ng	#	96
29) 2,4-Dichlorophenol	7.992	162	415178	41.353	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	466227	38.085	ng		99
31) Naphthalene	8.157	128	1300641	39.297	ng		99
32) Benzoic acid	7.916	122	237236	43.951	ng	#	68
33) 4-Chloroaniline	8.204	127	376699	28.478	ng	#	88
34) Hexachlorobutadiene	8.275	225	325912	38.676	ng		99
35) Caprolactam	8.575	113	114491m	40.952	ng		
36) 4-Chloro-3-methylphenol	8.686	107	484321	41.834	ng		86
37) 2-Methylnaphthalene	8.851	142	957395	41.882	ng		97
38) 1-Methylnaphthalene	8.951	142	876712	39.594	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	513124	38.438	ng		98
41) Hexachlorocyclopentadiene	9.004	237	699311	100.821	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	336123	41.579	ng		97

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44) 2,4,5-Trichlorophenol	9.163	196	354855	40.633	ng		95
46) 1,1'-Biphenyl	9.316	154	1175398	38.176	ng		98
47) 2-Chloronaphthalene	9.339	162	934299	38.552	ng		100
48) 2-Nitroaniline	9.434	65	345337	43.830	ng	#	78
49) Acenaphthylene	9.751	152	1474355	40.229	ng		98
50) Dimethylphthalate	9.616	163	1159943	39.997	ng		97
51) 2,6-Dinitrotoluene	9.675	165	242514	48.786	ng	#	71
52) Acenaphthene	9.928	154	900071	38.937	ng		97
53) 3-Nitroaniline	9.839	138	173596	34.066	ng	#	64
54) 2,4-Dinitrophenol	9.951	184	226961	84.421	ng		95
55) Dibenzofuran	10.098	168	1349573	38.782	ng		98
56) 4-Nitrophenol	10.004	139	355090	88.291	ng	#	45
57) 2,4-Dinitrotoluene	10.081	165	335282	46.900	ng	#	95
58) Fluorene	10.439	166	1106865	39.620	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	305372	41.293	ng	#	91
60) Diethylphthalate	10.316	149	1174592	40.388	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	582393	38.980	ng		89
62) 4-Nitroaniline	10.457	138	233066	43.851	ng	#	80
63) Azobenzene	10.592	77	1210515	38.333	ng		93
65) 4,6-Dinitro-2-methylph...	10.486	198	149896	42.096	ng		92
66) n-Nitrosodiphenylamine	10.551	169	945384	38.962	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	366669	39.731	ng		95
68) Hexachlorobenzene	10.986	284	396120	41.088	ng	#	91
69) Atrazine	11.080	200	371681	43.307	ng		90
70) Pentachlorophenol	11.180	266	465112	89.532	ng		94
71) Phenanthrene	11.398	178	1652832	40.001	ng		98
72) Anthracene	11.451	178	1671958	40.529	ng		98
73) Carbazole	11.604	167	1408246	36.806	ng		99
74) Di-n-butylphthalate	11.939	149	1820005	40.824	ng		98
75) Fluoranthene	12.586	202	1828787	39.745	ng		95
77) Benzidine	12.704	184	747837	40.236	ng	#	97
78) Pyrene	12.816	202	1844867	41.376	ng		96
80) Butylbenzylphthalate	13.433	149	732625	45.110	ng	#	85
81) Benzo(a)anthracene	13.998	228	1501894	39.322	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	379552	34.053	ng	#	97
83) Chrysene	14.039	228	1434641	40.367	ng		96
84) Bis(2-ethylhexyl)phtha...	13.992	149	1033798	45.927	ng		99
85) Di-n-octyl phthalate	14.604	149	1492654	46.673	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	996921	43.138	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1163439	45.811	ng	#	93
89) Benzo(k)fluoranthene	15.080	252	1010868	41.033	ng	#	97
90) Benzo(a)pyrene	15.410	252	985932	49.276	ng	#	94
91) Dibenzo(a,h)anthracene	16.951	278	841320	44.324	ng	#	90
92) Benzo(g,h,i)perylene	17.374	276	807049	44.333	ng	#	82

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

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