Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
Data File : BF126150.D
Acq On : 12 Nov 2021 11:15
Operator : JU/CG
Sample : PB140700BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 15 08:17:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 08:09:33 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140700BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	168229	20.000	ng		0.01
21) Naphthalene-d8	8.128	136	641086	20.000	ng	#	0.00
39) Acenaphthene-d10	9.886	164	394864	20.000	ng		0.01
64) Phenanthrene-d10	11.374	188	755066	20.000	ng	#	0.02
76) Chrysene-d12	14.015	240	520792	20.000	ng	#	0.01
86) Perylene-d12	15.474	264	359350	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1178227	120.273	ng		0.03
7) Phenol-d6	6.481	99	1532645	110.985	ng		0.01
23) Nitrobenzene-d5	7.410	82	1095865	80.615	ng		0.01
42) 2,4,6-Tribromophenol	10.680	330	573664	126.772	ng		0.02
45) 2-Fluorobiphenyl	9.210	172	2096839	71.761	ng		0.01
79) Terphenyl-d14	12.957	244	2678734	82.943	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	124556	30.578	ng	#	100
3) Pyridine	3.422	79	297612	27.152	ng		94
4) n-Nitrosodimethylamine	3.363	42	278771	36.268	ng	#	75
6) Aniline	6.504	93	581724	38.202	ng	#	86
8) 2-Chlorophenol	6.634	128	452016	43.181	ng		87
9) Benzaldehyde	6.392	77	298811	36.265	ng		87
10) Phenol	6.492	94	607118	42.996	ng		73
11) bis(2-Chloroethyl)ether	6.581	93	419878	40.825	ng		88
12) 1,3-Dichlorobenzene	6.786	146	471733m	39.568	ng		
13) 1,4-Dichlorobenzene	6.863	146	491541	40.433	ng		96
14) 1,2-Dichlorobenzene	7.016	146	475517	40.600	ng		97
15) Benzyl Alcohol	6.986	79	467926	39.677	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	695715	36.788	ng		88
17) 2-Methylphenol	7.104	107	395148	44.356	ng	#	89
18) Hexachloroethane	7.357	117	189439	41.478	ng	#	86
19) n-Nitroso-di-n-propyla...	7.263	70	366948	40.307	ng	#	80
20) 3+4-Methylphenols	7.257	107	501237	41.617	ng	#	67
22) Acetophenone	7.257	105	709266	38.306	ng	#	85
24) Nitrobenzene	7.428	77	573627	42.605	ng	#	82
25) Isophorone	7.669	82	942200	38.497	ng	#	88
26) 2-Nitrophenol	7.745	139	235911	49.381	ng	#	70
27) 2,4-Dimethylphenol	7.786	122	397215	44.515	ng	#	80
28) bis(2-Chloroethoxy)met...	7.880	93	533899	36.993	ng	#	96
29) 2,4-Dichlorophenol	7.986	162	420644	41.762	ng		94
30) 1,2,4-Trichlorobenzene	8.069	180	479084	39.009	ng		98
31) Naphthalene	8.151	128	1318565	39.709	ng		99
32) Benzoic acid	7.916	122	188379	36.693	ng	#	69
33) 4-Chloroaniline	8.198	127	422242	31.817	ng	#	90
34) Hexachlorobutadiene	8.269	225	325067	38.450	ng		100
35) Caprolactam	8.575	113	123518m	44.037	ng		
36) 4-Chloro-3-methylphenol	8.686	107	482375	41.531	ng		86
37) 2-Methylnaphthalene	8.845	142	959686	41.846	ng		98
38) 1-Methylnaphthalene	8.945	142	877149	39.486	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	516451	39.027	ng		98
41) Hexachlorocyclopentadiene	8.998	237	578876	84.193	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	331099	41.318	ng		98

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44) 2,4,5-Trichlorophenol	9.163	196	359557	41.534	ng		96
46) 1,1'-Biphenyl	9.310	154	1147971	37.613	ng		99
47) 2-Chloronaphthalene	9.333	162	948444	39.481	ng		99
48) 2-Nitroaniline	9.427	65	334905	42.942	ng	#	78
49) Acenaphthylene	9.751	152	1456721	40.097	ng		98
50) Dimethylphthalate	9.610	163	1140630	39.677	ng		97
51) 2,6-Dinitrotoluene	9.669	165	248069	50.343	ng	#	68
52) Acenaphthene	9.922	154	881678	38.477	ng		97
53) 3-Nitroaniline	9.839	138	193124	38.231	ng	#	67
54) 2,4-Dinitrophenol	9.951	184	252314	91.216	ng		92
55) Dibenzofuran	10.092	168	1322669	38.344	ng		98
56) 4-Nitrophenol	10.010	139	364741	91.489	ng	#	63
57) 2,4-Dinitrotoluene	10.074	165	345257	48.598	ng	#	88
58) Fluorene	10.433	166	1082205	39.079	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	307999	42.015	ng	#	87
60) Diethylphthalate	10.310	149	1123494	38.971	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	574885	38.816	ng		89
62) 4-Nitroaniline	10.457	138	243786	46.272	ng		87
63) Azobenzene	10.586	77	1126734	35.994	ng		91
65) 4,6-Dinitro-2-methylph...	10.486	198	175665	48.263	ng		92
66) n-Nitrosodiphenylamine	10.545	169	924675	38.456	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	353196	38.619	ng		97
68) Hexachlorobenzene	10.986	284	399153	41.779	ng	#	87
69) Atrazine	11.074	200	364890	42.902	ng		92
70) Pentachlorophenol	11.180	266	427809	83.101	ng		93
71) Phenanthrene	11.398	178	1631214	39.837	ng		98
72) Anthracene	11.451	178	1647763	40.306	ng		98
73) Carbazole	11.604	167	1443691	38.076	ng		99
74) Di-n-butylphthalate	11.933	149	1713665	38.789	ng	#	99
75) Fluoranthene	12.586	202	1824241	40.007	ng		96
77) Benzidine	12.704	184	706258	40.567	ng	#	96
78) Pyrene	12.815	202	1857648	44.478	ng		96
80) Butylbenzylphthalate	13.433	149	695735	45.733	ng	#	89
81) Benzo(a)anthracene	14.004	228	1432404	40.037	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	380462	36.441	ng		98
83) Chrysene	14.045	228	1380078	41.456	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	887143	42.076	ng		98
85) Di-n-octyl phthalate	14.604	149	1130271	37.730	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	1076537	50.613	ng	#	84
88) Benzo(b)fluoranthene	15.051	252	1062447	45.454	ng	#	93
89) Benzo(k)fluoranthene	15.080	252	908400	40.064	ng		98
90) Benzo(a)pyrene	15.421	252	922416	50.091	ng	#	93
91) Dibenzo(a,h)anthracene	16.962	278	918025	52.550	ng	#	90
92) Benzo(g,h,i)perylene	17.392	276	919029	54.853	ng	#	81

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

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