Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124968.D
Acq On : 7 Aug 2021 11:01
Operator : JU/CG
Sample : PB138219BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138219BS

Manual Integrations APPROVED
mohammad
8/10/2021 4:24:11 PM

Quant Time: Aug 07 15:35:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	7137	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	28051	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	15323	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	27074	20.000	ng	0.00
76) Chrysene-d12	13.992	240	19176	20.000	ng	0.00
86) Perylene-d12	15.445	264	15415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	54681	125.506	ng	0.02
7) Phenol-d6	6.463	99	67995	123.769	ng	0.00
23) Nitrobenzene-d5	7.398	82	37686	70.281	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	15852	115.796	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	79580	75.993	ng	0.00
79) Terphenyl-d14	12.939	244	78657	69.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	7579	46.498	ng	# 100
3) Pyridine	3.457	79	16854	44.499	ng	89
4) n-Nitrosodimethylamine	3.422	42	13513	50.241	ng	# 78
6) Aniline	6.498	93	20581	35.466	ng	94
8) 2-Chlorophenol	6.616	128	21860	45.741	ng	90
9) Benzaldehyde	6.381	77	10494	35.110	ng	94
10) Phenol	6.475	94	25848	45.600	ng	93
11) bis(2-Chloroethyl)ether	6.569	93	20258	47.639	ng	96
12) 1,3-Dichlorobenzene	6.769	146	24035	46.206	ng	98
13) 1,4-Dichlorobenzene	6.845	146	24634	47.373	ng	93
14) 1,2-Dichlorobenzene	6.998	146	23750	48.736	ng	97
15) Benzyl Alcohol	6.975	79	17577	44.356	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	33265	48.827	ng	95
17) 2-Methylphenol	7.087	107	17267	48.268	ng	96
18) Hexachloroethane	7.339	117	9720	47.744	ng	# 83
19) n-Nitroso-di-n-propyla...	7.245	70	14521	44.547	ng	93
20) 3+4-Methylphenols	7.234	107	22009	46.346	ng	# 83
22) Acetophenone	7.239	105	31316	45.584	ng	# 88
24) Nitrobenzene	7.416	77	22710	43.769	ng	99
25) Isophorone	7.651	82	38645	42.226	ng	# 92
26) 2-Nitrophenol	7.728	139	11910	45.202	ng	# 87
27) 2,4-Dimethylphenol	7.763	122	19552	52.348	ng	89
28) bis(2-Chloroethoxy)met...	7.863	93	24755	47.526	ng	98
29) 2,4-Dichlorophenol	7.969	162	19015	45.695	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	20424	43.796	ng	97
31) Naphthalene	8.134	128	65116	45.182	ng	98
32) Benzoic acid	7.898	122	8636	40.405	ng	91
33) 4-Chloroaniline	8.181	127	14879	27.704	ng	94
34) Hexachlorobutadiene	8.251	225	12444	44.684	ng	98
35) Caprolactam	8.557	113	5129m	46.415	ng	
36) 4-Chloro-3-methylphenol	8.669	107	19479	44.749	ng	90
37) 2-Methylnaphthalene	8.828	142	43767	45.167	ng	99
38) 1-Methylnaphthalene	8.928	142	40925	45.137	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	20360	46.292	ng	97
41) Hexachlorocyclopentadiene	8.975	237	22121	128.656	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	12863	43.933	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	13321	44.945	ng		95
46) 1,1'-Biphenyl	9.292	154	51688	45.266	ng		99
47) 2-Chloronaphthalene	9.316	162	41328	45.493	ng		99
48) 2-Nitroaniline	9.410	65	12467	46.718	ng		89
49) Acenaphthylene	9.733	152	63271	45.851	ng		98
50) Dimethylphthalate	9.592	163	47893	46.123	ng		97
51) 2,6-Dinitrotoluene	9.657	165	10276	44.442	ng		99
52) Acenaphthene	9.904	154	37284	44.568	ng		95
53) 3-Nitroaniline	9.822	138	7035	28.887	ng		87
54) 2,4-Dinitrophenol	9.933	184	8854	75.820	ng		92
55) Dibenzofuran	10.075	168	57752	44.173	ng		98
56) 4-Nitrophenol	9.992	139	14527	90.491	ng		86
57) 2,4-Dinitrotoluene	10.063	165	14104	44.928	ng	#	91
58) Fluorene	10.416	166	45449	45.337	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	10352	46.552	ng	#	87
60) Diethylphthalate	10.292	149	48452	45.469	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	21861	46.178	ng		89
62) 4-Nitroaniline	10.445	138	9696	41.007	ng		93
63) Azobenzene	10.569	77	45358	43.527	ng		94
65) 4,6-Dinitro-2-methylph...	10.469	198	6204	36.578	ng		90
66) n-Nitrosodiphenylamine	10.528	169	38875	44.302	ng		93
67) 4-Bromophenyl-phenylether	10.898	248	13303	44.861	ng		97
68) Hexachlorobenzene	10.963	284	14198	44.009	ng		92
69) Atrazine	11.057	200	12644	47.952	ng		97
70) Pentachlorophenol	11.157	266	11676	76.721	ng		90
71) Phenanthrene	11.380	178	66331	45.164	ng		98
72) Anthracene	11.433	178	68757	46.668	ng		99
73) Carbazole	11.586	167	57602	42.633	ng		98
74) Di-n-butylphthalate	11.910	149	76360	44.469	ng		100
75) Fluoranthene	12.569	202	67184	44.219	ng		97
77) Benzidine	12.686	184	28689	55.914	ng		97
78) Pyrene	12.798	202	67681	44.809	ng		98
80) Butylbenzylphthalate	13.410	149	31220	46.446	ng		97
81) Benzo(a)anthracene	13.980	228	55048	44.051	ng		95
82) 3,3'-Dichlorobenzidine	13.945	252	12031	36.518	ng		100
83) Chrysene	14.021	228	53316	44.134	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	44444	47.663	ng	#	98
85) Di-n-octyl phthalate	14.574	149	70432	47.878	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	39500	43.030	ng		95
88) Benzo(b)fluoranthene	15.027	252	46556	43.012	ng		98
89) Benzo(k)fluoranthene	15.057	252	44480	45.175	ng		98
90) Benzo(a)pyrene	15.392	252	41211	44.712	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	32621	40.417	ng		96
92) Benzo(g,h,i)perylene	17.351	276	31973	41.298	ng	#	86

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

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