Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125031.D
Acq On : 10 Aug 2021 15:10
Operator : JU/CG
Sample : PB138299BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138299BS

Manual Integrations APPROVED
mohammad
8/11/2021 9:30:35 PM

Quant Time: Aug 10 17:55:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4381	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	15688	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	9024	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	16403	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	16862	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	13460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	40294	150.665	ng	0.01
7) Phenol-d6	6.457	99	48901	145.009	ng	0.00
23) Nitrobenzene-d5	7.380	82	30341	101.174	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	11022	136.715	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	43428	70.418	ng	0.00
79) Terphenyl-d14	12.915	244	58998	59.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	5357	53.541	ng	# 100
3) Pyridine	3.416	79	11062	47.580	ng	# 78
4) n-Nitrosodimethylamine	3.369	42	8615	52.180	ng	# 86
6) Aniline	6.481	93	16236	45.579	ng	# 88
8) 2-Chlorophenol	6.604	128	16831	57.373	ng	89
9) Benzaldehyde	6.363	77	8541	46.553	ng	# 86
10) Phenol	6.469	94	19360	55.640	ng	79
11) bis(2-Chloroethyl)ether	6.551	93	16551	63.406	ng	97
12) 1,3-Dichlorobenzene	6.751	146	14966	46.871	ng	# 93
13) 1,4-Dichlorobenzene	6.828	146	14920	46.742	ng	# 91
14) 1,2-Dichlorobenzene	6.981	146	14023	46.878	ng	# 88
15) Benzyl Alcohol	6.957	79	12855	52.847	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.086	45	24337	58.194	ng	87
17) 2-Methylphenol	7.075	107	12963	59.032	ng	# 91
18) Hexachloroethane	7.322	117	6814	54.525	ng	91
19) n-Nitroso-di-n-propyla...	7.228	70	12365	61.796	ng	# 87
20) 3+4-Methylphenols	7.228	107	17205	59.021	ng	# 74
22) Acetophenone	7.228	105	24454	63.647	ng	94
24) Nitrobenzene	7.398	77	18152	62.554	ng	# 86
25) Isophorone	7.639	82	27186	53.115	ng	# 85
26) 2-Nitrophenol	7.710	139	6694	45.427	ng	# 68
27) 2,4-Dimethylphenol	7.751	122	11137	53.316	ng	# 71
28) bis(2-Chloroethoxy)met...	7.845	93	17060	58.564	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	10404	44.705	ng	90
30) 1,2,4-Trichlorobenzene	8.033	180	11902	45.635	ng	98
31) Naphthalene	8.116	128	37416	46.421	ng	98
32) Benzoic acid	7.880	122	6138	49.334	ng	94
33) 4-Chloroaniline	8.169	127	7264	24.183	ng	# 91
34) Hexachlorobutadiene	8.233	225	8052	51.698	ng	98
35) Caprolactam	8.545	113	2881m	46.618	ng	
36) 4-Chloro-3-methylphenol	8.657	107	12735	52.312	ng	85
37) 2-Methylnaphthalene	8.810	142	25314	46.711	ng	96
38) 1-Methylnaphthalene	8.910	142	22755	44.874	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	12459	48.101	ng	# 96
41) Hexachlorocyclopentadiene	8.957	237	11751	116.578	ng	94
43) 2,4,6-Trichlorophenol	9.086	196	7904	45.839	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	8267	47.363	ng		93
46) 1,1'-Biphenyl	9.274	154	30572	45.463	ng		95
47) 2-Chloronaphthalene	9.298	162	24643	46.061	ng		94
48) 2-Nitroaniline	9.398	65	8541	54.347	ng	#	79
49) Acenaphthylene	9.716	152	37665	46.348	ng		98
50) Dimethylphthalate	9.574	163	28935	47.317	ng		98
51) 2,6-Dinitrotoluene	9.639	165	5935	43.585	ng	#	75
52) Acenaphthene	9.886	154	21724	44.095	ng		96
53) 3-Nitroaniline	9.810	138	3722	25.951	ng	#	71
54) 2,4-Dinitrophenol	9.922	184	5429	78.719	ng		95
55) Dibenzofuran	10.057	168	34003	44.162	ng		98
56) 4-Nitrophenol	9.980	139	8060	85.253	ng	#	67
57) 2,4-Dinitrotoluene	10.045	165	8244	44.592	ng		95
58) Fluorene	10.398	166	27109	45.918	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.174	232	6308	48.167	ng	#	93
60) Diethylphthalate	10.274	149	30821	49.113	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	13301	47.708	ng		97
62) 4-Nitroaniline	10.427	138	5887	42.277	ng		96
63) Azobenzene	10.551	77	32773	53.404	ng		88
65) 4,6-Dinitro-2-methylph...	10.451	198	3483	33.894	ng		85
66) n-Nitrosodiphenylamine	10.510	169	23291	43.810	ng		95
67) 4-Bromophenyl-phenylether	10.880	248	8547	47.573	ng		93
68) Hexachlorobenzene	10.945	284	9437	48.281	ng		93
69) Atrazine	11.039	200	8178	51.192	ng		95
70) Pentachlorophenol	11.145	266	8192	88.279	ng		92
71) Phenanthrene	11.363	178	39303	44.171	ng		97
72) Anthracene	11.416	178	42371	47.468	ng		98
73) Carbazole	11.568	167	34365	41.981	ng		99
74) Di-n-butylphthalate	11.892	149	51191	49.206	ng		98
75) Fluoranthene	12.545	202	49903	54.213	ng		97
77) Benzidine	12.668	184	19169	42.487	ng		98
78) Pyrene	12.774	202	51182	38.536	ng		96
80) Butylbenzylphthalate	13.386	149	27761	46.968	ng		93
81) Benzo(a)anthracene	13.962	228	48768	44.381	ng		97
82) 3,3'-Dichlorobenzidine	13.921	252	10179	35.137	ng		97
83) Chrysene	13.998	228	47338	44.563	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	41661	50.810	ng		99
85) Di-n-octyl phthalate	14.557	149	63786	49.310	ng		100
87) Indeno(1,2,3-cd)pyrene	16.868	276	38376	47.877	ng		93
88) Benzo(b)fluoranthene	15.004	252	41037m	43.420	ng		
89) Benzo(k)fluoranthene	15.033	252	37898m	44.081	ng		
90) Benzo(a)pyrene	15.362	252	36573	45.444	ng		95
91) Dibenzo(a,h)anthracene	16.880	278	32010	45.420	ng		97
92) Benzo(g,h,i)perylene	17.303	276	30830	45.605	ng	#	91

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

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