Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
Data File : BF125362.D
Acq On : 4 Sep 2021 11:10
Operator : JU/CG
Sample : PB138922BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138922BS

Manual Integrations APPROVED
mohammad
9/7/2021 11:39:36 AM

Quant Time: Sep 06 08:26:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	180610	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	712017	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	388316	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	704859	20.000	ng	0.00
76) Chrysene-d12	14.074	240	427039	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	365656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1315045	110.207	ng	0.01
7) Phenol-d6	6.539	99	1659843	107.555	ng	0.00
23) Nitrobenzene-d5	7.469	82	1144407	80.917	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	580255	149.695	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1984124	71.213	ng	0.00
79) Terphenyl-d14	13.015	244	2360479	88.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	201539	34.228	ng	# 100
3) Pyridine	3.545	79	468251	30.125	ng	# 93
4) n-Nitrosodimethylamine	3.504	42	304707	39.175	ng	# 37
6) Aniline	6.563	93	748168	41.272	ng	# 91
8) 2-Chlorophenol	6.686	128	525043	43.133	ng	81
9) Benzaldehyde	6.451	77	397889	36.738	ng	93
10) Phenol	6.551	94	681783	42.186	ng	90
11) bis(2-Chloroethyl)ether	6.633	93	556571	43.728	ng	83
12) 1,3-Dichlorobenzene	6.839	146	585761	41.526	ng	96
13) 1,4-Dichlorobenzene	6.916	146	591467	42.082	ng	97
14) 1,2-Dichlorobenzene	7.069	146	565037	42.731	ng	99
15) Benzyl Alcohol	7.045	79	496984	41.826	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1011911	39.643	ng	93
17) 2-Methylphenol	7.157	107	458440	44.833	ng	94
18) Hexachloroethane	7.410	117	213916	43.463	ng	# 89
19) n-Nitroso-di-n-propyla...	7.316	70	387521	41.748	ng	# 76
20) 3+4-Methylphenols	7.310	107	506581	39.466	ng	# 72
22) Acetophenone	7.310	105	729782	39.825	ng	# 85
24) Nitrobenzene	7.486	77	612600	39.751	ng	89
25) Isophorone	7.722	82	1109531	40.666	ng	# 89
26) 2-Nitrophenol	7.798	139	295597	48.037	ng	# 79
27) 2,4-Dimethylphenol	7.833	122	460966	42.790	ng	88
28) bis(2-Chloroethoxy)met...	7.928	93	684793	45.331	ng	# 96
29) 2,4-Dichlorophenol	8.045	162	462188	42.069	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	499967	41.732	ng	95
31) Naphthalene	8.204	128	1441580	39.533	ng	99
32) Benzoic acid	7.975	122	293896	40.195	ng	88
33) 4-Chloroaniline	8.251	127	507102	35.276	ng	# 90
34) Hexachlorobutadiene	8.316	225	318888	41.744	ng	98
35) Caprolactam	8.633	113	155137m	54.517	ng	
36) 4-Chloro-3-methylphenol	8.739	107	503331	44.877	ng	92
37) 2-Methylnaphthalene	8.898	142	1007625	41.817	ng	99
38) 1-Methylnaphthalene	8.998	142	938820	41.722	ng	95
40) 1,2,4,5-Tetrachloroben...	9.063	216	514926	40.587	ng	97
41) Hexachlorocyclopentadiene	9.045	237	546526	81.993	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	355600	39.807	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	397562	42.302	ng	#	88
46) 1,1'-Biphenyl	9.363	154	1161029	37.086	ng		98
47) 2-Chloronaphthalene	9.386	162	980195	38.529	ng		98
48) 2-Nitroaniline	9.486	65	360071	45.659	ng	#	83
49) Acenaphthylene	9.804	152	1466228	39.551	ng		97
50) Dimethylphthalate	9.663	163	1176844	43.733	ng	#	97
51) 2,6-Dinitrotoluene	9.727	165	258479	44.298	ng	#	86
52) Acenaphthene	9.974	154	1010882m	43.986	ng		
53) 3-Nitroaniline	9.898	138	229982	36.548	ng	#	75
54) 2,4-Dinitrophenol	10.010	184	276088	119.786	ng	#	80
55) Dibenzofuran	10.151	168	1280595	38.718	ng		96
56) 4-Nitrophenol	10.069	139	397638	79.798	ng	#	77
57) 2,4-Dinitrotoluene	10.133	165	344123	48.728	ng	#	97
58) Fluorene	10.492	166	1021178	41.762	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	310952	44.584	ng	#	84
60) Diethylphthalate	10.363	149	1146596	43.706	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	524808	42.449	ng		89
62) 4-Nitroaniline	10.516	138	279375	49.373	ng	#	84
63) Azobenzene	10.639	77	1151665	39.138	ng		91
65) 4,6-Dinitro-2-methylph...	10.545	198	187863	50.358	ng		81
66) n-Nitrosodiphenylamine	10.604	169	992150	39.311	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	370182	43.736	ng		94
68) Hexachlorobenzene	11.039	284	399585	45.891	ng	#	84
69) Atrazine	11.127	200	350347	48.375	ng		93
70) Pentachlorophenol	11.233	266	415119	81.649	ng		92
71) Phenanthrene	11.457	178	1537369	39.584	ng		97
72) Anthracene	11.510	178	1567073	40.936	ng		98
73) Carbazole	11.663	167	1355567	38.750	ng		99
74) Di-n-butylphthalate	11.986	149	1809500	43.589	ng		100
75) Fluoranthene	12.645	202	1594115	41.366	ng		97
77) Benzidine	12.763	184	876153	58.746	ng		98
78) Pyrene	12.874	202	1588577	43.366	ng		95
80) Butylbenzylphthalate	13.486	149	691408	48.035	ng	#	97
81) Benzo(a)anthracene	14.062	228	1265473	41.129	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	380760	39.922	ng	#	98
83) Chrysene	14.098	228	1217203	40.002	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	956772	48.363	ng	#	99
85) Di-n-octyl phthalate	14.651	149	1456258	44.259	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	1210255	45.943	ng	#	89
88) Benzo(b)fluoranthene	15.121	252	1187002	44.434	ng	#	95
89) Benzo(k)fluoranthene	15.156	252	1046522	41.981	ng		98
90) Benzo(a)pyrene	15.504	252	1072394	45.445	ng	#	94
91) Dibenzo(a,h)anthracene	17.092	278	1025131	45.020	ng	#	94
92) Benzo(g,h,i)perylene	17.539	276	1023910	46.636	ng	#	88

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

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