Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124174.D
Acq On : 8 Jun 2021 11:24
Operator : JU/CG
Sample : PB136847BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136847BS

Manual Integrations APPROVED
mohammad
6/9/2021 3:51:02 PM

Quant Time: Jun 08 11:59:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	46014	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	177500	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	115820	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	203250	20.000	ng		# 0.00
76) Chrysene-d12	14.039	240	124332	20.000	ng		# 0.00
86) Perylene-d12	15.515	264	100473	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	378227	123.736	ng		0.02
7) Phenol-d6	6.516	99	450587	109.667	ng		0.00
23) Nitrobenzene-d5	7.434	82	356425	79.641	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	173833	105.938	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	696378	75.660	ng		0.00
79) Terphenyl-d14	12.980	244	733779	81.029	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	47053	35.174	ng		92
3) Pyridine	3.469	79	109310	31.906	ng		85
4) n-Nitrosodimethylamine	3.428	42	83241	40.891	ng		91
6) Aniline	6.528	93	141496	30.151	ng	#	1
8) 2-Chlorophenol	6.657	128	136717	40.196	ng		97
9) Benzaldehyde	6.410	77	56138	30.738	ng		95
10) Phenol	6.528	94	178140	40.119	ng	#	63
11) bis(2-Chloroethyl)ether	6.598	93	137289	42.412	ng		93
12) 1,3-Dichlorobenzene	6.804	146	164988	41.494	ng		95
13) 1,4-Dichlorobenzene	6.881	146	166141	41.656	ng		96
14) 1,2-Dichlorobenzene	7.034	146	161276	42.270	ng		95
15) Benzyl Alcohol	7.010	79	150721	40.692	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	215685	42.712	ng		75
17) 2-Methylphenol	7.128	107	115947	41.935	ng	#	85
18) Hexachloroethane	7.375	117	68979	43.918	ng	#	90
19) n-Nitroso-di-n-propyla...	7.281	70	117875	40.641	ng		93
20) 3+4-Methylphenols	7.281	107	151258	41.287	ng		97
22) Acetophenone	7.275	105	218149	43.112	ng	#	92
24) Nitrobenzene	7.451	77	174186	38.797	ng		98
25) Isophorone	7.686	82	303345	37.614	ng		98
26) 2-Nitrophenol	7.763	139	81787	40.780	ng		94
27) 2,4-Dimethylphenol	7.804	122	128859	45.565	ng		95
28) bis(2-Chloroethoxy)met...	7.892	93	179718	44.950	ng		96
29) 2,4-Dichlorophenol	8.010	162	132617	40.526	ng		95
30) 1,2,4-Trichlorobenzene	8.086	180	153577	41.878	ng		94
31) Naphthalene	8.169	128	421353	39.705	ng		99
32) Benzoic acid	7.957	122	70525	40.641	ng		99
33) 4-Chloroaniline	8.216	127	49780	12.612	ng		95
34) Hexachlorobutadiene	8.286	225	102940	39.740	ng		97
35) Caprolactam	8.604	113	35946m	39.985	ng		
36) 4-Chloro-3-methylphenol	8.716	107	147169	41.106	ng	#	84
37) 2-Methylnaphthalene	8.863	142	312958	42.053	ng		99
38) 1-Methylnaphthalene	8.963	142	282052	40.557	ng		94
40) 1,2,4,5-Tetrachloroben...	9.028	216	165972	40.446	ng		98
41) Hexachlorocyclopentadiene	9.016	237	176146	79.224	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	102677	38.365	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	110871	38.590	ng	#	88
46) 1,1'-Biphenyl	9.328	154	405619	41.487	ng		98
47) 2-Chloronaphthalene	9.351	162	296721	37.286	ng		98
48) 2-Nitroaniline	9.451	65	106305	37.016	ng		98
49) Acenaphthylene	9.769	152	451858	39.062	ng		98
50) Dimethylphthalate	9.633	163	387025	40.389	ng		98
51) 2,6-Dinitrotoluene	9.692	165	81251	36.981	ng		89
52) Acenaphthene	9.939	154	280927	37.183	ng		95
53) 3-Nitroaniline	9.863	138	42112	20.479	ng		86
54) 2,4-Dinitrophenol	9.975	184	78721	70.514	ng		85
55) Dibenzofuran	10.116	168	439833	37.195	ng		99
56) 4-Nitrophenol	10.045	139	100911	68.667	ng		87
57) 2,4-Dinitrotoluene	10.098	165	110142	38.011	ng	#	92
58) Fluorene	10.457	166	347373	38.270	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88503	38.013	ng		94
60) Diethylphthalate	10.328	149	407371	42.125	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	182501	39.323	ng		99
62) 4-Nitroaniline	10.486	138	72844	35.232	ng		84
63) Azobenzene	10.604	77	376082	37.308	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	53705	32.880	ng	#	75
66) n-Nitrosodiphenylamine	10.569	169	312880	40.515	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	113668	40.745	ng		90
68) Hexachlorobenzene	11.004	284	125662	39.769	ng		96
69) Atrazine	11.098	200	112341	51.389	ng		96
70) Pentachlorophenol	11.204	266	101742	62.204	ng		97
71) Phenanthrene	11.422	178	513885	40.474	ng		98
72) Anthracene	11.475	178	513285	40.142	ng		98
73) Carbazole	11.627	167	408255	36.638	ng		98
74) Di-n-butylphthalate	11.951	149	630878	44.054	ng		99
75) Fluoranthene	12.610	202	487648	36.590	ng		97
77) Benzidine	12.721	184	128911	44.785	ng	#	94
78) Pyrene	12.839	202	481462	40.327	ng		97
80) Butylbenzylphthalate	13.451	149	218320	45.078	ng		95
81) Benzo(a)anthracene	14.027	228	354113	39.096	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	77643	29.220	ng		96
83) Chrysene	14.063	228	344287	39.398	ng		96
84) Bis(2-ethylhexyl)phtha...	14.010	149	319604	55.475	ng		98
85) Di-n-octyl phthalate	14.621	149	459556	59.770	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.015	276	336531	40.944	ng		99
88) Benzo(b)fluoranthene	15.086	252	317736	40.710	ng		99
89) Benzo(k)fluoranthene	15.115	252	298345	40.379	ng		98
90) Benzo(a)pyrene	15.457	252	289669	42.730	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	290344	41.322	ng		97
92) Benzo(g,h,i)perylene	17.474	276	277482	40.082	ng		94

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

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