Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124920.D
Acq On : 3 Aug 2021 17:45
Operator : JU/CG
Sample : PB138173BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138173BS

Manual Integrations APPROVED
mohammad
8/4/2021 3:45:22 PM

Quant Time: Aug 04 05:06:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	5755	20.000	ng	#-0.01
21) Naphthalene-d8	8.128	136	23348	20.000	ng	#-0.01
39) Acenaphthene-d10	9.886	164	13630	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	23614	20.000	ng	0.00
76) Chrysene-d12	14.009	240	16169	20.000	ng	-0.01
86) Perylene-d12	15.468	264	12008	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	48679	143.217	ng	0.00
7) Phenol-d6	6.481	99	60418	141.789	ng	0.00
23) Nitrobenzene-d5	7.416	82	34763	88.616	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	15678	133.969	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	69621	75.023	ng	-0.01
79) Terphenyl-d14	12.957	244	73806	78.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	7214	60.718	ng	# 100
3) Pyridine	3.457	79	15152	53.872	ng	95
4) n-Nitrosodimethylamine	3.422	42	12895	57.975	ng	# 81
6) Aniline	6.510	93	21653	49.445	ng	# 93
8) 2-Chlorophenol	6.633	128	21453	55.959	ng	92
9) Benzaldehyde	6.398	77	9922	43.249	ng	93
10) Phenol	6.498	94	25312	62.031	ng	94
11) bis(2-Chloroethyl)ether	6.586	93	20597	63.661	ng	100
12) 1,3-Dichlorobenzene	6.786	146	23517	56.441	ng	98
13) 1,4-Dichlorobenzene	6.863	146	23259	55.798	ng	95
14) 1,2-Dichlorobenzene	7.016	146	22904	56.869	ng	98
15) Benzyl Alcohol	6.992	79	17373	62.000	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	32081	58.912	ng	94
17) 2-Methylphenol	7.104	107	16871	60.407	ng	95
18) Hexachloroethane	7.357	117	9621	60.894	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	15048	66.134	ng	88
20) 3+4-Methylphenols	7.257	107	22094	59.875	ng	# 76
22) Acetophenone	7.257	105	30520	56.408	ng	# 87
24) Nitrobenzene	7.433	77	22098	57.457	ng	94
25) Isophorone	7.669	82	38760	55.879	ng	# 92
26) 2-Nitrophenol	7.745	139	11958	56.136	ng	# 79
27) 2,4-Dimethylphenol	7.780	122	18176	55.452	ng	86
28) bis(2-Chloroethoxy)met...	7.880	93	24866	61.688	ng	94
29) 2,4-Dichlorophenol	7.986	162	17863	51.458	ng	95
30) 1,2,4-Trichlorobenzene	8.069	180	20394	53.602	ng	98
31) Naphthalene	8.151	128	63075	51.766	ng	99
32) Benzoic acid	7.922	122	10011	39.459	ng	88
33) 4-Chloroaniline	8.198	127	12211	26.651	ng	95
34) Hexachlorobutadiene	8.269	225	12705	55.863	ng	95
35) Caprolactam	8.575	113	5004m	55.461	ng	
36) 4-Chloro-3-methylphenol	8.686	107	19131	57.778	ng	94
37) 2-Methylnaphthalene	8.845	142	43198	53.060	ng	99
38) 1-Methylnaphthalene	8.945	142	39079	50.669	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	19895	52.314	ng	94
41) Hexachlorocyclopentadiene	8.998	237	22955	102.023	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	12795	47.394	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	13183	47.558	ng		93
46) 1,1'-Biphenyl	9.310	154	50428	49.565	ng		99
47) 2-Chloronaphthalene	9.333	162	40075	49.757	ng		98
48) 2-Nitroaniline	9.433	65	12464	59.101	ng		95
49) Acenaphthylene	9.751	152	63547	51.163	ng		98
50) Dimethylphthalate	9.610	163	48590	51.773	ng		99
51) 2,6-Dinitrotoluene	9.674	165	10170	49.050	ng		94
52) Acenaphthene	9.922	154	36233	44.006	ng		97
53) 3-Nitroaniline	9.839	138	6969	31.949	ng	#	66
54) 2,4-Dinitrophenol	9.951	184	9553	79.678	ng		92
55) Dibenzofuran	10.092	168	57812	49.136	ng		98
56) 4-Nitrophenol	10.010	139	15526	90.133	ng		90
57) 2,4-Dinitrotoluene	10.080	165	14691	52.213	ng	#	93
58) Fluorene	10.439	166	44979	49.834	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	10474	47.844	ng	#	92
60) Diethylphthalate	10.310	149	49971	51.203	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	22216	50.917	ng		91
62) 4-Nitroaniline	10.463	138	9937	46.039	ng		92
63) Azobenzene	10.586	77	46564	53.931	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	6895	45.087	ng		98
66) n-Nitrosodiphenylamine	10.551	169	38409	50.192	ng		95
67) 4-Bromophenyl-phenylether	10.916	248	13079	52.224	ng	#	86
68) Hexachlorobenzene	10.986	284	14354	55.187	ng	#	86
69) Atrazine	11.074	200	13044	56.065	ng		94
70) Pentachlorophenol	11.180	266	13961	86.320	ng		93
71) Phenanthrene	11.398	178	67362	53.038	ng		98
72) Anthracene	11.451	178	67495	53.158	ng		99
73) Carbazole	11.604	167	57836	48.595	ng		99
74) Di-n-butylphthalate	11.933	149	82798	52.230	ng		99
75) Fluoranthene	12.586	202	68562	52.900	ng		100
77) Benzidine	12.710	184	33554	73.591	ng		97
78) Pyrene	12.815	202	69098	53.981	ng		98
80) Butylbenzylphthalate	13.427	149	32817	53.527	ng		95
81) Benzo(a)anthracene	14.004	228	53711	50.819	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	11212	38.225	ng		97
83) Chrysene	14.039	228	50947	50.034	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	48121	53.286	ng	#	99
85) Di-n-octyl phthalate	14.598	149	72519	49.486	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	39904	57.560	ng		95
88) Benzo(b)fluoranthene	15.051	252	44320	52.422	ng	#	96
89) Benzo(k)fluoranthene	15.080	252	40473	52.392	ng		99
90) Benzo(a)pyrene	15.415	252	39283	55.622	ng		97
91) Dibenzo(a,h)anthracene	16.956	278	34077	56.150	ng		97
92) Benzo(g,h,i)perylene	17.392	276	33205	57.697	ng		92

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

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