Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124918.D
Acq On : 3 Aug 2021 16:40
Operator : JU/CG
Sample : PB138115BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138115BS

Manual Integrations APPROVED
mohammad
8/4/2021 3:45:20 PM

Quant Time: Aug 04 05:05:11 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	6784	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	26381	20.000	ng	#-0.01
39) Acenaphthene-d10	9.886	164	14658	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	26110	20.000	ng	0.00
76) Chrysene-d12	14.015	240	18325	20.000	ng	0.00
86) Perylene-d12	15.474	264	13070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	49929	124.613	ng	0.00
7) Phenol-d6	6.481	99	61835	123.103	ng	0.00
23) Nitrobenzene-d5	7.410	82	34593	78.045	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	15661	124.439	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	70137	70.278	ng	-0.01
79) Terphenyl-d14	12.957	244	72601	67.912	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	7118	50.823	ng	# 100
3) Pyridine	3.469	79	14838	44.754	ng	# 88
4) n-Nitrosodimethylamine	3.428	42	12193	46.504	ng	# 86
6) Aniline	6.510	93	20091	38.919	ng	97
8) 2-Chlorophenol	6.633	128	20544	45.460	ng	94
9) Benzaldehyde	6.398	77	9785	36.182	ng	95
10) Phenol	6.492	94	24420	50.768	ng	89
11) bis(2-Chloroethyl)ether	6.586	93	19184	50.300	ng	94
12) 1,3-Dichlorobenzene	6.786	146	22593	45.998	ng	95
13) 1,4-Dichlorobenzene	6.863	146	22703	46.203	ng	95
14) 1,2-Dichlorobenzene	7.016	146	21749	45.810	ng	92
15) Benzyl Alcohol	6.992	79	16597	50.246	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.122	45	30651	47.749	ng	94
17) 2-Methylphenol	7.098	107	16537	50.230	ng	99
18) Hexachloroethane	7.357	117	9294	49.902	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	14081	52.498	ng	# 89
20) 3+4-Methylphenols	7.251	107	20824	47.874	ng	# 81
22) Acetophenone	7.257	105	29656	48.510	ng	# 91
24) Nitrobenzene	7.433	77	21378	49.195	ng	98
25) Isophorone	7.669	82	38082	48.589	ng	# 89
26) 2-Nitrophenol	7.745	139	10909	45.324	ng	# 86
27) 2,4-Dimethylphenol	7.780	122	18655	50.370	ng	# 81
28) bis(2-Chloroethoxy)met...	7.880	93	23834	52.330	ng	97
29) 2,4-Dichlorophenol	7.986	162	17038	43.438	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	19277	44.841	ng	94
31) Naphthalene	8.151	128	60694	44.085	ng	99
32) Benzoic acid	7.916	122	9238	32.226	ng	92
33) 4-Chloroaniline	8.198	127	11717	22.633	ng	# 91
34) Hexachlorobutadiene	8.269	225	11689	45.487	ng	93
35) Caprolactam	8.575	113	4812m	47.201	ng	
36) 4-Chloro-3-methylphenol	8.686	107	18473	49.376	ng	93
37) 2-Methylnaphthalene	8.845	142	41190	44.777	ng	98
38) 1-Methylnaphthalene	8.945	142	37357	42.868	ng	93
40) 1,2,4,5-Tetrachloroben...	9.010	216	19201	46.949	ng	97
41) Hexachlorocyclopentadiene	8.998	237	21272	87.913	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	13354	45.996	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	13422	45.024	ng		97
46) 1,1'-Biphenyl	9.310	154	49761	45.480	ng		100
47) 2-Chloronaphthalene	9.333	162	38825	44.825	ng		95
48) 2-Nitroaniline	9.427	65	11662	51.420	ng		84
49) Acenaphthylene	9.751	152	61775	46.248	ng		99
50) Dimethylphthalate	9.610	163	46808	46.377	ng		98
51) 2,6-Dinitrotoluene	9.674	165	9784	43.879	ng		91
52) Acenaphthene	9.922	154	35751	40.375	ng		96
53) 3-Nitroaniline	9.839	138	6711	28.608	ng	#	73
54) 2,4-Dinitrophenol	9.951	184	9231	71.593	ng		91
55) Dibenzofuran	10.092	168	55942	44.212	ng		98
56) 4-Nitrophenol	10.010	139	14406	77.766	ng		93
57) 2,4-Dinitrotoluene	10.080	165	13744	45.421	ng	#	99
58) Fluorene	10.433	166	43197	44.503	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.210	232	10379	44.085	ng	#	93
60) Diethylphthalate	10.310	149	47850	45.591	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	21217	45.217	ng		94
62) 4-Nitroaniline	10.463	138	10218	44.021	ng	#	83
63) Azobenzene	10.586	77	44311	47.722	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	6159	36.424	ng		98
66) n-Nitrosodiphenylamine	10.545	169	37103	43.851	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	13213	47.716	ng		88
68) Hexachlorobenzene	10.980	284	13971	48.580	ng		92
69) Atrazine	11.074	200	12498	48.583	ng		97
70) Pentachlorophenol	11.180	266	13679	76.491	ng		96
71) Phenanthrene	11.398	178	63096	44.930	ng		99
72) Anthracene	11.451	178	65813	46.878	ng		99
73) Carbazole	11.604	167	55802	42.404	ng		98
74) Di-n-butylphthalate	11.927	149	79122	45.140	ng		99
75) Fluoranthene	12.586	202	64743	45.178	ng		97
77) Benzidine	12.704	184	28104	54.386	ng		97
78) Pyrene	12.815	202	65617	45.230	ng		99
80) Butylbenzylphthalate	13.427	149	31600	45.478	ng		97
81) Benzo(a)anthracene	14.004	228	51991	43.404	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	11397	34.284	ng		97
83) Chrysene	14.039	228	50140	43.448	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	45398	44.356	ng	#	99
85) Di-n-octyl phthalate	14.598	149	69939	42.110	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	37863	50.178	ng		94
88) Benzo(b)fluoranthene	15.051	252	42089m	45.738	ng		
89) Benzo(k)fluoranthene	15.080	252	38968	46.345	ng		99
90) Benzo(a)pyrene	15.415	252	36999	48.131	ng		100
91) Dibenzo(a,h)anthracene	16.956	278	32754	49.585	ng		96
92) Benzo(g,h,i)perylene	17.392	276	31527	50.330	ng	#	90

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

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