Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
Data File : BG049217.D
Acq On : 8 Jul 2021 12:45
Operator : CG/JU
Sample : PB137570BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137570BS

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:27 PM

Quant Time: Jul 08 13:28:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	35048	20.000	ng		0.00
21) Naphthalene-d8	10.906	136	146594	20.000	ng	#	0.00
39) Acenaphthene-d10	14.731	164	110836	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	251679	20.000	ng	#	0.00
76) Chrysene-d12	21.769	240	249111	20.000	ng		0.00
86) Perylene-d12	25.077	264	244226	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	283545	126.715	ng		0.00
7) Phenol-d6	7.239	99	385913	120.966	ng		0.00
23) Nitrobenzene-d5	9.255	82	272081	78.690	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	225925	117.584	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	626207	76.225	ng		0.00
79) Terphenyl-d14	20.089	244	1084110	73.744	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	28315	28.822	ng	#	76
3) Pyridine	3.908	79	75214	28.316	ng		99
4) n-Nitrosodimethylamine	3.826	42	61380	40.685	ng	#	76
6) Aniline	7.404	93	123725	31.855	ng		97
8) 2-Chlorophenol	7.645	128	110556	45.031	ng		92
9) Benzaldehyde	7.216	77	10008m	5.964	ng		
10) Phenol	7.269	94	145594	45.430	ng		92
11) bis(2-Chloroethyl)ether	7.498	93	97414	41.673	ng		83
12) 1,3-Dichlorobenzene	7.974	146	108488	39.509	ng		96
13) 1,4-Dichlorobenzene	8.121	146	111484	40.375	ng		96
14) 1,2-Dichlorobenzene	8.444	146	110679	41.634	ng		95
15) Benzyl Alcohol	8.321	79	122332	43.546	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.614	45	161244	40.633	ng		86
17) 2-Methylphenol	8.526	107	98556	45.637	ng		96
18) Hexachloroethane	9.178	117	46375	42.058	ng		97
19) n-Nitroso-di-n-propyla...	8.896	70	92877	40.509	ng	#	97
20) 3+4-Methylphenols	8.855	107	136333	45.538	ng		96
22) Acetophenone	8.914	105	185699	42.467	ng	#	98
24) Nitrobenzene	9.296	77	142601	38.063	ng		91
25) Isophorone	9.825	82	245304	36.934	ng		97
26) 2-Nitrophenol	10.013	139	62935	42.196	ng		97
27) 2,4-Dimethylphenol	10.066	122	109787	49.061	ng		97
28) bis(2-Chloroethoxy)met...	10.301	93	138684	44.282	ng	#	94
29) 2,4-Dichlorophenol	10.553	162	115894	43.186	ng		91
30) 1,2,4-Trichlorobenzene	10.771	180	124931	39.530	ng		97
31) Naphthalene	10.959	128	335753	39.338	ng		98
32) Benzoic acid	10.230	122	78325	43.947	ng	#	73
33) 4-Chloroaniline	11.064	127	71472	20.251	ng		92
34) Hexachlorobutadiene	11.241	225	93665	40.114	ng		92
35) Caprolactam	11.846	113	36240m	42.548	ng		
36) 4-Chloro-3-methylphenol	12.187	107	133357	43.187	ng		95
37) 2-Methylnaphthalene	12.563	142	261898	40.747	ng		96
38) 1-Methylnaphthalene	12.780	142	241058	39.602	ng		96
40) 1,2,4,5-Tetrachloroben...	12.927	216	154379	39.925	ng		97
41) Hexachlorocyclopentadiene	12.909	237	213898	93.388	ng		96
43) 2,4,6-Trichlorophenol	13.168	196	108636	40.686	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	116403	39.865	ng		91
46) 1,1'-Biphenyl	13.567	154	345597	41.739	ng		98
47) 2-Chloronaphthalene	13.608	162	257451	37.787	ng		99
48) 2-Nitroaniline	13.808	65	101390	40.811	ng		93
49) Acenaphthylene	14.455	152	430046	40.036	ng		98
50) Dimethylphthalate	14.184	163	364298	40.955	ng		99
51) 2,6-Dinitrotoluene	14.302	165	81356	39.897	ng		89
52) Acenaphthene	14.795	154	258643	38.634	ng		91
53) 3-Nitroaniline	14.631	138	50504	25.784	ng		100
54) 2,4-Dinitrophenol	14.842	184	106568	76.360	ng		95
55) Dibenzofuran	15.130	168	418783	38.426	ng		97
56) 4-Nitrophenol	14.948	139	130591	81.815	ng		93
57) 2,4-Dinitrotoluene	15.089	165	114484	39.524	ng		97
58) Fluorene	15.776	166	356862	39.591	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.353	232	110325	40.589	ng		97
60) Diethylphthalate	15.541	149	380272	40.345	ng		98
61) 4-Chlorophenyl-phenyle...	15.771	204	199390	39.965	ng		98
62) 4-Nitroaniline	15.800	138	77029	37.857	ng		86
63) Azobenzene	16.064	77	357199	37.591	ng		90
65) 4,6-Dinitro-2-methylph...	15.853	198	71011	39.499	ng		94
66) n-Nitrosodiphenylamine	15.982	169	306223	38.904	ng		96
67) 4-Bromophenyl-phenylether	16.664	248	137614	40.530	ng		94
68) Hexachlorobenzene	16.787	284	150923	40.207	ng		97
69) Atrazine	16.928	200	134364	51.401	ng		96
70) Pentachlorophenol	17.134	266	193846	88.719	ng		98
71) Phenanthrene	17.527	178	561363	38.734	ng		98
72) Anthracene	17.616	178	573553	39.699	ng		98
73) Carbazole	17.886	167	528032	38.334	ng		97
74) Di-n-butylphthalate	18.438	149	635854	40.149	ng		98
75) Fluoranthene	19.531	202	717753	39.560	ng		96
77) Benzidine	19.707	184	228683	42.738	ng		97
78) Pyrene	19.895	202	708593	38.297	ng		97
80) Butylbenzylphthalate	20.771	149	288253	41.121	ng		93
81) Benzo(a)anthracene	21.752	228	714957	38.479	ng		98
82) 3,3'-Dichlorobenzidine	21.658	252	198488	31.402	ng		99
83) Chrysene	21.816	228	678855	38.458	ng		96
84) Bis(2-ethylhexyl)phtha...	21.646	149	405898	40.996	ng		96
85) Di-n-octyl phthalate	22.886	149	678700	40.729	ng		98
87) Indeno(1,2,3-cd)pyrene	28.879	276	847343	43.481	ng		98
88) Benzo(b)fluoranthene	24.026	252	749839m	42.546	ng		
89) Benzo(k)fluoranthene	24.096	252	710805	42.276	ng		100
90) Benzo(a)pyrene	24.930	252	703245	43.256	ng	#	97
91) Dibenzo(a,h)anthracene	28.943	278	716177	43.540	ng	#	98
92) Benzo(g,h,i)perylene	30.066	276	706584	43.578	ng		99

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

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