Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053865.D
Acq On : 9 Jun 2022 17:56
Operator : CG/JU
Sample : N3270-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11AMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/10/2022
Supervised By :Jagrut Upadhyay 06/10/2022

Quant Time: Jun 10 00:59:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	21411	20.000	ng		0.00
21) Naphthalene-d8	10.902	136	89961	20.000	ng		0.00
39) Acenaphthene-d10	14.715	164	68997	20.000	ng		0.00
64) Phenanthrene-d10	17.459	188	180861	20.000	ng	#	0.00
76) Chrysene-d12	21.736	240	191282	20.000	ng		0.00
86) Perylene-d12	25.003	264	201146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	139917	120.002	ng		0.00
7) Phenol-d6	7.247	99	187550	118.747	ng		0.00
23) Nitrobenzene-d5	9.251	82	116937	85.360	ng		0.00
42) 2,4,6-Tribromophenol	16.201	330	126807	151.407	ng		0.00
45) 2-Fluorobiphenyl	13.340	172	318456	69.048	ng		0.00
79) Terphenyl-d14	20.061	244	656909	68.321	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	20516	36.390	ng		92
3) Pyridine	3.945	79	53233	38.955	ng		98
4) n-Nitrosodimethylamine	3.857	42	31405	50.898	ng	#	97
6) Aniline	7.411	93	77648	40.394	ng		98
8) 2-Chlorophenol	7.658	128	67619	56.654	ng		93
9) Benzaldehyde	7.223	77	39280	37.297	ng		81
10) Phenol	7.270	94	87574	53.660	ng		95
11) bis(2-Chloroethyl)ether	7.505	93	60673	47.266	ng		95
12) 1,3-Dichlorobenzene	7.981	146	73420	48.340	ng		90
13) 1,4-Dichlorobenzene	8.128	146	75789	49.066	ng		97
14) 1,2-Dichlorobenzene	8.446	146	72058	48.695	ng		95
15) Benzyl Alcohol	8.322	79	64409	54.482	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.622	45	90867	40.347	ng		96
17) 2-Methylphenol	8.528	107	60143	53.913	ng		91
18) Hexachloroethane	9.180	117	24736	48.401	ng	#	83
19) n-Nitroso-di-n-propyla...	8.892	70	52247	46.706	ng		96
20) 3+4-Methylphenols	8.851	107	82486	54.423	ng		93
22) Acetophenone	8.910	105	102937	46.339	ng	#	94
24) Nitrobenzene	9.292	77	75629	49.567	ng	#	86
25) Isophorone	9.820	82	147274	47.964	ng		95
26) 2-Nitrophenol	10.008	139	36992	73.020	ng	#	80
27) 2,4-Dimethylphenol	10.061	122	68316	61.890	ng		90
28) bis(2-Chloroethoxy)met...	10.296	93	83515	50.053	ng		99
29) 2,4-Dichlorophenol	10.543	162	80994	61.093	ng		90
30) 1,2,4-Trichlorobenzene	10.766	180	85024	50.671	ng		95
31) Naphthalene	10.954	128	208318	45.245	ng		99
32) Benzoic acid	10.202	122	27866m	41.600	ng		
33) 4-Chloroaniline	11.048	127	52416	27.460	ng		92
34) Hexachlorobutadiene	11.242	225	61739	51.935	ng		98
35) Caprolactam	11.818	113	23959m	63.231	ng		
36) 4-Chloro-3-methylphenol	12.165	107	78305	55.496	ng	#	85
37) 2-Methylnaphthalene	12.553	142	156109	46.738	ng		96
38) 1-Methylnaphthalene	12.770	142	149218	45.684	ng		98
40) 1,2,4,5-Tetrachloroben...	12.917	216	118235	51.031	ng		97
41) Hexachlorocyclopentadiene	12.899	237	140408	119.220	ng		99
43) 2,4,6-Trichlorophenol	13.152	196	74397	59.207	ng		97

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44) 2,4,5-Trichlorophenol	13.222	196	83269	59.559	ng	#	94
46) 1,1'-Biphenyl	13.551	154	226772	46.116	ng		98
47) 2-Chloronaphthalene	13.598	162	179919	47.030	ng		98
48) 2-Nitroaniline	13.786	65	53068	53.843	ng	#	86
49) Acenaphthylene	14.439	152	297788	48.522	ng		100
50) Dimethylphthalate	14.162	163	242683	47.995	ng		99
51) 2,6-Dinitrotoluene	14.280	165	54252	58.875	ng	#	76
52) Acenaphthene	14.779	154	194720	49.939	ng		98
53) 3-Nitroaniline	14.603	138	37393	38.763	ng	#	89
54) 2,4-Dinitrophenol	14.815	184	46707	102.835	ng	#	73
55) Dibenzofuran	15.114	168	293104	47.154	ng		94
56) 4-Nitrophenol	14.909	139	83171	101.814	ng		89
57) 2,4-Dinitrotoluene	15.067	165	76009	60.350	ng		85
58) Fluorene	15.761	166	239018	46.442	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.337	232	79552	52.092	ng	#	91
60) Diethylphthalate	15.525	149	237961	46.468	ng		97
61) 4-Chlorophenyl-phenyle...	15.749	204	143483	51.714	ng		89
62) 4-Nitroaniline	15.772	138	52258	49.144	ng	#	75
63) Azobenzene	16.043	77	198716	41.471	ng		91
65) 4,6-Dinitro-2-methylph...	15.831	198	41250	58.217	ng		83
66) n-Nitrosodiphenylamine	15.960	169	220102	45.765	ng		97
67) 4-Bromophenyl-phenylether	16.642	248	105105	53.486	ng		93
68) Hexachlorobenzene	16.765	284	114232	52.151	ng		94
69) Atrazine	16.906	200	100501	53.372	ng		96
70) Pentachlorophenol	17.106	266	121962	87.087	ng		95
71) Phenanthrene	17.500	178	423084	44.443	ng		98
72) Anthracene	17.594	178	432987	46.473	ng		99
73) Carbazole	17.852	167	378827	45.045	ng		99
74) Di-n-butylphthalate	18.416	149	431788	44.649	ng	#	97
75) Fluoranthene	19.503	202	543602	44.025	ng		97
77) Benzidine	19.679	184	238856	51.066	ng		97
78) Pyrene	19.867	202	545809	44.868	ng		98
80) Butylbenzylphthalate	20.749	149	188049	47.400	ng		91
81) Benzo(a)anthracene	21.718	228	570533	44.927	ng		98
82) 3,3'-Dichlorobenzidine	21.624	252	142367	39.775	ng		96
83) Chrysene	21.783	228	528521	44.092	ng		98
84) Bis(2-ethylhexyl)phtha...	21.624	149	268271	47.024	ng		96
85) Di-n-octyl phthalate	22.858	149	464964	49.008	ng		95
87) Indeno(1,2,3-cd)pyrene	28.751	276	678483	45.763	ng	#	97
88) Benzo(b)fluoranthene	23.969	252	600568	48.093	ng		99
89) Benzo(k)fluoranthene	24.039	252	560199	45.384	ng		99
90) Benzo(a)pyrene	24.856	252	570093	53.980	ng	#	99
91) Dibenzo(a,h)anthracene	28.810	278	589851	48.145	ng		97
92) Benzo(g,h,i)perylene	29.920	276	583586	48.325	ng		95

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

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