Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053864.D
Acq On : 9 Jun 2022 17:16
Operator : CG/JU
Sample : N3270-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11AMS

Manual Integrations APPROVED

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

Quant Time: Jun 10 00:58:38 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	8.089	152	22652	20.000	ng		0.00
21) Naphthalene-d8	10.903	136	94563	20.000	ng		0.00
39) Acenaphthene-d10	14.717	164	73218	20.000	ng		0.00
64) Phenanthrene-d10	17.460	188	187331	20.000	ng		0.00
76) Chrysene-d12	21.738	240	193916	20.000	ng		0.00
86) Perylene-d12	25.004	264	206349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	147109	119.258	ng		0.00
7) Phenol-d6	7.249	99	198679	118.902	ng		0.01
23) Nitrobenzene-d5	9.252	82	122671	85.187	ng		0.00
42) 2,4,6-Tribromophenol	16.197	330	131905	148.414	ng		0.00
45) 2-Fluorobiphenyl	13.342	172	333075	68.055	ng		0.00
79) Terphenyl-d14	20.063	244	670771	68.815	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	22415	37.580	ng		96
3) Pyridine	3.941	79	55341	38.279	ng		94
4) n-Nitrosodimethylamine	3.859	42	32425	49.672	ng	#	98
6) Aniline	7.413	93	80839	39.750	ng		97
8) 2-Chlorophenol	7.654	128	72169	57.154	ng		94
9) Benzaldehyde	7.219	77	42259	37.928	ng		83
10) Phenol	7.272	94	92043	53.309	ng		95
11) bis(2-Chloroethyl)ether	7.501	93	63818	46.992	ng		93
12) 1,3-Dichlorobenzene	7.983	146	78674	48.961	ng		92
13) 1,4-Dichlorobenzene	8.130	146	79005	48.346	ng		97
14) 1,2-Dichlorobenzene	8.447	146	76163	48.650	ng		98
15) Benzyl Alcohol	8.324	79	67682	54.114	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.618	45	94213	39.541	ng		98
17) 2-Methylphenol	8.530	107	62997	53.377	ng	#	92
18) Hexachloroethane	9.182	117	26291	48.625	ng	#	74
19) n-Nitroso-di-n-propyla...	8.894	70	55473	46.874	ng		99
20) 3+4-Methylphenols	8.853	107	85076	53.056	ng		94
22) Acetophenone	8.912	105	108085	46.288	ng	#	97
24) Nitrobenzene	9.293	77	78636	49.062	ng	#	88
25) Isophorone	9.816	82	151507	46.941	ng	#	94
26) 2-Nitrophenol	10.010	139	38871	72.996	ng	#	82
27) 2,4-Dimethylphenol	10.063	122	72315	62.325	ng		89
28) bis(2-Chloroethoxy)met...	10.298	93	89081	50.791	ng		96
29) 2,4-Dichlorophenol	10.545	162	83425	59.864	ng		92
30) 1,2,4-Trichlorobenzene	10.762	180	89425	50.700	ng		95
31) Naphthalene	10.950	128	216022	44.635	ng		99
32) Benzoic acid	10.210	122	29984	42.354	ng	#	78
33) 4-Chloroaniline	11.050	127	49996	24.917	ng		92
34) Hexachlorobutadiene	11.244	225	65205	52.181	ng		97
35) Caprolactam	11.820	113	24331m	61.088	ng		
36) 4-Chloro-3-methylphenol	12.167	107	82786	55.816	ng		88
37) 2-Methylnaphthalene	12.548	142	164025	46.718	ng		96
38) 1-Methylnaphthalene	12.766	142	156647	45.624	ng		99
40) 1,2,4,5-Tetrachloroben...	12.919	216	124060	50.458	ng		97
41) Hexachlorocyclopentadiene	12.901	237	148961	119.190	ng		97
43) 2,4,6-Trichlorophenol	13.148	196	79190	59.389	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.224	196	86562	58.345	ng	#	92
46) 1,1'-Biphenyl	13.553	154	238210	45.650	ng		98
47) 2-Chloronaphthalene	13.594	162	189604	46.705	ng		98
48) 2-Nitroaniline	13.788	65	56234	53.773	ng		89
49) Acenaphthylene	14.440	152	310507	47.677	ng		100
50) Dimethylphthalate	14.164	163	252153	46.993	ng	#	99
51) 2,6-Dinitrotoluene	14.282	165	57184	58.506	ng	#	74
52) Acenaphthene	14.781	154	205244	49.603	ng		98
53) 3-Nitroaniline	14.605	138	37099	36.487	ng		91
54) 2,4-Dinitrophenol	14.816	184	46819	97.383	ng	#	79
55) Dibenzofuran	15.110	168	305969	46.386	ng		94
56) 4-Nitrophenol	14.910	139	86829	100.239	ng	#	85
57) 2,4-Dinitrotoluene	15.063	165	80143	59.992	ng		86
58) Fluorene	15.762	166	248078	45.424	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.333	232	82235	50.798	ng	#	91
60) Diethylphthalate	15.527	149	249498	45.912	ng		96
61) 4-Chlorophenyl-phenyle...	15.751	204	149495	50.774	ng		91
62) 4-Nitroaniline	15.768	138	53391	47.401	ng	#	76
63) Azobenzene	16.044	77	207041	40.717	ng		90
65) 4,6-Dinitro-2-methylph...	15.827	198	42736	58.229	ng		85
66) n-Nitrosodiphenylamine	15.962	169	232265	46.626	ng		96
67) 4-Bromophenyl-phenylether	16.644	248	108349	53.233	ng		94
68) Hexachlorobenzene	16.767	284	120916	53.296	ng	#	93
69) Atrazine	16.908	200	102927	52.772	ng		94
70) Pentachlorophenol	17.108	266	130568	89.851	ng		99
71) Phenanthrene	17.502	178	439229	44.545	ng		98
72) Anthracene	17.590	178	446451	46.263	ng		100
73) Carbazole	17.854	167	387539	44.489	ng		99
74) Di-n-butylphthalate	18.412	149	452908	45.215	ng	#	97
75) Fluoranthene	19.505	202	560275	43.808	ng		97
77) Benzidine	19.675	184	241511	50.932	ng		98
78) Pyrene	19.869	202	557482	45.206	ng		98
80) Butylbenzylphthalate	20.751	149	191548	47.626	ng		89
81) Benzo(a)anthracene	21.714	228	587107	45.605	ng		99
82) 3,3'-Dichlorobenzidine	21.626	252	142651	39.313	ng		96
83) Chrysene	21.785	228	541431	44.555	ng		97
84) Bis(2-ethylhexyl)phtha...	21.626	149	276893	47.876	ng	#	95
85) Di-n-octyl phthalate	22.854	149	477732	49.670	ng		95
87) Indeno(1,2,3-cd)pyrene	28.747	276	704543	46.322	ng		99
88) Benzo(b)fluoranthene	23.970	252	604833	47.213	ng		99
89) Benzo(k)fluoranthene	24.035	252	590848	46.660	ng		100
90) Benzo(a)pyrene	24.852	252	587519	54.227	ng		99
91) Dibenzo(a,h)anthracene	28.812	278	607046	48.299	ng		98
92) Benzo(g,h,i)perylene	29.922	276	605173	48.849	ng		95

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

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