Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
Data File : BG056932.D
Acq On : 30 Mar 2023 20:54
Operator : CG/JU
Sample : PB151793BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB151793BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 04:05:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	16328	20.000	ng		0.00
21) Naphthalene-d8	11.256	136	69152	20.000	ng		0.00
39) Acenaphthene-d10	15.028	164	54244	20.000	ng		0.00
64) Phenanthrene-d10	17.771	188	138418	20.000	ng		0.00
76) Chrysene-d12	22.095	240	131743	20.000	ng		0.00
86) Perylene-d12	25.643	264	147156	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	126529	124.022	ng		0.00
7) Phenol-d6	7.544	99	184225	120.735	ng		0.00
23) Nitrobenzene-d5	9.588	82	110907	65.624	ng		0.00
42) 2,4,6-Tribromophenol	16.508	330	91630	105.739	ng		0.00
45) 2-Fluorobiphenyl	13.653	172	269007	67.247	ng		0.00
79) Terphenyl-d14	20.338	244	529228	67.976	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.720	88	19757	44.177	ng		97
3) Pyridine	4.143	79	52706	36.590	ng		98
4) n-Nitrosodimethylamine	4.049	42	29687	44.826	ng		95
6) Aniline	7.720	93	65998	33.834	ng		97
8) 2-Chlorophenol	7.967	128	50375	49.573	ng		96
9) Benzaldehyde	7.532	77	39644	41.423	ng		90
10) Phenol	7.573	94	77769	51.437	ng		98
11) bis(2-Chloroethyl)ether	7.808	93	47270	43.891	ng		99
12) 1,3-Dichlorobenzene	8.302	146	52352	46.625	ng		96
13) 1,4-Dichlorobenzene	8.448	146	53532	47.238	ng		97
14) 1,2-Dichlorobenzene	8.777	146	49596	45.299	ng		99
15) Benzyl Alcohol	8.642	79	62334	49.165	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.936	45	57799m	44.531	ng		
17) 2-Methylphenol	8.842	107	51077	47.352	ng		93
18) Hexachloroethane	9.518	117	19034	45.953	ng		91
19) n-Nitroso-di-n-propyla...	9.218	70	45450	41.644	ng	#	94
20) 3+4-Methylphenols	9.171	107	69353	45.980	ng		99
22) Acetophenone	9.242	105	84530	41.080	ng	#	98
24) Nitrobenzene	9.635	77	71216	41.216	ng		99
25) Isophorone	10.152	82	128231	39.845	ng		99
26) 2-Nitrophenol	10.352	139	28199	42.282	ng		92
27) 2,4-Dimethylphenol	10.393	122	53487	45.422	ng		93
28) bis(2-Chloroethoxy)met...	10.634	93	64642	40.121	ng		94
29) 2,4-Dichlorophenol	10.892	162	56953	44.973	ng		94
30) 1,2,4-Trichlorobenzene	11.110	180	57216	42.522	ng		96
31) Naphthalene	11.309	128	156798	41.599	ng		98
32) Benzoic acid	10.510	122	37105m	45.873	ng		
33) 4-Chloroaniline	11.403	127	37107	21.797	ng		96
34) Hexachlorobutadiene	11.585	225	40529	40.097	ng		88
35) Caprolactam	12.155	113	18604m	42.598	ng		
36) 4-Chloro-3-methylphenol	12.490	107	62750	44.308	ng		97
37) 2-Methylnaphthalene	12.884	142	117007	39.113	ng		96
38) 1-Methylnaphthalene	13.095	142	110976	39.507	ng		96
40) 1,2,4,5-Tetrachloroben...	13.242	216	80414	42.750	ng	#	97
41) Hexachlorocyclopentadiene	13.219	237	112778	108.817	ng		97
43) 2,4,6-Trichlorophenol	13.471	196	52175	43.466	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	57088	40.146	ng		92
46) 1,1'-Biphenyl	13.865	154	172614	43.471	ng		95
47) 2-Chloronaphthalene	13.918	162	128927	43.901	ng		98
48) 2-Nitroaniline	14.106	65	44691	42.558	ng		96
49) Acenaphthylene	14.758	152	200509	41.554	ng		99
50) Dimethylphthalate	14.464	163	177669	41.569	ng		99
51) 2,6-Dinitrotoluene	14.587	165	37169	40.250	ng		99
52) Acenaphthene	15.092	154	160009	48.082	ng		99
53) 3-Nitroaniline	14.922	138	23845	26.087	ng		96
54) 2,4-Dinitrophenol	15.128	184	52250	100.524	ng		96
55) Dibenzofuran	15.421	168	208342	41.712	ng		98
56) 4-Nitrophenol	15.210	139	65880	97.469	ng		93
57) 2,4-Dinitrotoluene	15.374	165	55479	42.597	ng	#	98
58) Fluorene	16.068	166	173587	42.000	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	57439	44.363	ng		99
60) Diethylphthalate	15.815	149	179571	41.910	ng		99
61) 4-Chlorophenyl-phenyle...	16.050	204	101604	41.870	ng		98
62) 4-Nitroaniline	16.079	138	39187	41.379	ng		95
63) Azobenzene	16.344	77	178359	41.770	ng		98
65) 4,6-Dinitro-2-methylph...	16.132	198	37160	44.327	ng		98
66) n-Nitrosodiphenylamine	16.261	169	149369	40.199	ng		98
67) 4-Bromophenyl-phenylether	16.943	248	68447	39.965	ng		98
68) Hexachlorobenzene	17.072	284	73175	43.216	ng		97
69) Atrazine	17.195	200	70137	45.472	ng		98
70) Pentachlorophenol	17.413	266	94178	77.528	ng		96
71) Phenanthrene	17.812	178	295434	41.863	ng		98
72) Anthracene	17.906	178	301009	41.607	ng		100
73) Carbazole	18.165	167	270383	42.866	ng		97
74) Di-n-butylphthalate	18.688	149	308060	42.177	ng		99
75) Fluoranthene	19.798	202	372410	41.628	ng		100
77) Benzidine	19.962	184	179534	49.857	ng		98
78) Pyrene	20.162	202	378852	41.577	ng		97
80) Butylbenzylphthalate	21.020	149	133879	42.696	ng		96
81) Benzo(a)anthracene	22.071	228	387394	42.493	ng		98
82) 3,3'-Dichlorobenzidine	21.965	252	83127	27.003	ng		99
83) Chrysene	22.148	228	348836	40.866	ng		99
84) Bis(2-ethylhexyl)phtha...	21.930	149	194827	42.909	ng		99
85) Di-n-octyl phthalate	23.252	149	326544	42.677	ng		99
87) Indeno(1,2,3-cd)pyrene	29.737	276	462569	42.533	ng	#	96
88) Benzo(b)fluoranthene	24.509	252	406729	44.200	ng		98
89) Benzo(k)fluoranthene	24.580	252	387331	42.162	ng		95
90) Benzo(a)pyrene	25.472	252	357391	39.523	ng		99
91) Dibenzo(a,h)anthracene	29.802	278	376913	42.163	ng		96
92) Benzo(g,h,i)perylene	31.024	276	366704	41.892	ng		99

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

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