Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
Data File : BG058746.D
Acq On : 16 Aug 2023 13:24
Operator : MA/JU
Sample : PB154469BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 16 14:01:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB154469BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	28185	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	122336	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	90237	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	225978	20.000	ng		0.00
76) Chrysene-d12	21.449	240	192529	20.000	ng	#	0.00
86) Perylene-d12	24.522	264	242804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	245894	133.347	ng		0.00
7) Phenol-d6	6.983	99	339635	132.364	ng		0.00
23) Nitrobenzene-d5	8.975	82	208414	83.691	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	179617	121.441	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	496895	82.521	ng		0.00
79) Terphenyl-d14	19.827	244	920936	89.952	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	28798	32.229	ng	#	90
3) Pyridine	3.658	79	73049	29.985	ng	#	82
4) n-Nitrosodimethylamine	3.581	42	48201	46.697	ng	#	82
6) Aniline	7.136	93	93590	29.625	ng		96
8) 2-Chlorophenol	7.377	128	91231	50.431	ng		97
9) Benzaldehyde	6.948	77	39278	28.175	ng		98
10) Phenol	7.013	94	124054	49.493	ng		97
11) bis(2-Chloroethyl)ether	7.230	93	83633	42.324	ng		92
12) 1,3-Dichlorobenzene	7.694	146	87063	45.070	ng		95
13) 1,4-Dichlorobenzene	7.847	146	88960	45.865	ng		96
14) 1,2-Dichlorobenzene	8.164	146	86840	46.829	ng		99
15) Benzyl Alcohol	8.053	79	92116	56.609	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	181842	56.651	ng		93
17) 2-Methylphenol	8.258	107	86216	47.043	ng		99
18) Hexachloroethane	8.887	117	32469	46.056	ng		96
19) n-Nitroso-di-n-propyla...	8.617	70	73394	44.283	ng		93
20) 3+4-Methylphenols	8.587	107	115651	46.652	ng		97
22) Acetophenone	8.634	105	144408	44.085	ng		93
24) Nitrobenzene	9.022	77	108520	42.864	ng		97
25) Isophorone	9.539	82	215226	41.829	ng		98
26) 2-Nitrophenol	9.727	139	49439	44.861	ng	#	92
27) 2,4-Dimethylphenol	9.792	122	83108	45.464	ng		95
28) bis(2-Chloroethoxy)met...	10.021	93	121787	43.493	ng		99
29) 2,4-Dichlorophenol	10.268	162	92406	48.686	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	98252	44.887	ng		100
31) Naphthalene	10.661	128	277558	43.047	ng		99
32) Benzoic acid	9.962	122	52011m	38.290	ng		
33) 4-Chloroaniline	10.779	127	61267	22.490	ng		98
34) Hexachlorobutadiene	10.943	225	64244	45.576	ng		95
35) Caprolactam	11.560	113	32396m	46.222	ng		
36) 4-Chloro-3-methylphenol	11.913	107	114228	48.652	ng		93
37) 2-Methylnaphthalene	12.277	142	194042	42.071	ng		98
38) 1-Methylnaphthalene	12.500	142	190120	43.364	ng		99
40) 1,2,4,5-Tetrachloroben...	12.647	216	116841	42.175	ng		99
41) Hexachlorocyclopentadiene	12.624	237	100689	78.399	ng		97
43) 2,4,6-Trichlorophenol	12.894	196	83924	44.043	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	93792	41.790	ng		97
46) 1,1'-Biphenyl	13.293	154	265769	42.886	ng		97
47) 2-Chloronaphthalene	13.335	162	213091	44.101	ng		97
48) 2-Nitroaniline	13.546	65	85914	46.584	ng		99
49) Acenaphthylene	14.181	152	354226	43.788	ng		99
50) Dimethylphthalate	13.922	163	301159	44.438	ng		98
51) 2,6-Dinitrotoluene	14.046	165	66666	44.832	ng		97
52) Acenaphthene	14.521	154	199756	42.735	ng		99
53) 3-Nitroaniline	14.375	138	40625	27.307	ng	#	98
54) 2,4-Dinitrophenol	14.592	184	72984	86.406	ng		95
55) Dibenzofuran	14.862	168	346018	43.080	ng		99
56) 4-Nitrophenol	14.692	139	97335	87.949	ng		89
57) 2,4-Dinitrotoluene	14.839	165	95640	46.393	ng		94
58) Fluorene	15.509	166	283773	44.474	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	86363	45.094	ng		97
60) Diethylphthalate	15.279	149	313415	45.395	ng		99
61) 4-Chlorophenyl-phenyle...	15.503	204	156212	43.913	ng		98
62) 4-Nitroaniline	15.544	138	67971	48.229	ng		95
63) Azobenzene	15.791	77	292570	43.023	ng		96
65) 4,6-Dinitro-2-methylph...	15.603	198	57724	46.327	ng		98
66) n-Nitrosodiphenylamine	15.720	169	254336	43.243	ng		99
67) 4-Bromophenyl-phenylether	16.396	248	107967	42.124	ng		98
68) Hexachlorobenzene	16.513	284	121878	44.874	ng		98
69) Atrazine	16.672	200	106809	53.795	ng		96
70) Pentachlorophenol	16.860	266	113081	68.787	ng		99
71) Phenanthrene	17.248	178	473356	44.169	ng		99
72) Anthracene	17.342	178	473557	43.065	ng		98
73) Carbazole	17.612	167	441922	45.574	ng		99
74) Di-n-butylphthalate	18.164	149	551968	45.445	ng		99
75) Fluoranthene	19.263	202	568504	44.162	ng		98
77) Benzidine	19.451	184	177614	60.837	ng		97
78) Pyrene	19.627	202	586156	44.736	ng		99
80) Butylbenzylphthalate	20.514	149	246023	45.712	ng		96
81) Benzo(a)anthracene	21.431	228	596640	45.031	ng		98
82) 3,3'-Dichlorobenzidine	21.355	252	166270	37.115	ng		98
83) Chrysene	21.496	228	552620	43.501	ng		98
84) Bis(2-ethylhexyl)phtha...	21.331	149	357271	45.426	ng		99
85) Di-n-octyl phthalate	22.483	149	627404	45.373	ng		97
87) Indeno(1,2,3-cd)pyrene	28.035	276	740591	45.849	ng		97
88) Benzo(b)fluoranthene	23.552	252	630685	47.891	ng		99
89) Benzo(k)fluoranthene	23.617	252	602225	45.521	ng		99
90) Benzo(a)pyrene	24.380	252	557323	43.093	ng		99
91) Dibenzo(a,h)anthracene	28.082	278	617571	46.238	ng		98
92) Benzo(g,h,i)perylene	29.128	276	589269	43.998	ng		99

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

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