Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058699.D
Acq On : 11 Aug 2023 11:46
Operator : MA/JU
Sample : PB154732BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 11 12:20:46 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 :
PB154732BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	41513	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	180403	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	130277	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	323662	20.000	ng	0.00
76) Chrysene-d12	21.451	240	286430	20.000	ng	0.00
86) Perylene-d12	24.524	264	363719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	367037	135.139	ng	0.00
7) Phenol-d6	6.986	99	502365	132.926	ng	0.00
23) Nitrobenzene-d5	8.978	82	304307	82.865	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	263320	123.316	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	686078	78.920	ng	0.00
79) Terphenyl-d14	19.830	244	1349279	88.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	46053	34.992	ng	99
3) Pyridine	3.660	79	116890	32.577	ng	95
4) n-Nitrosodimethylamine	3.578	42	71810	47.234	ng	93
6) Aniline	7.139	93	176628	37.960	ng	97
8) 2-Chlorophenol	7.380	128	144178	54.111	ng	98
9) Benzaldehyde	6.951	77	79691	38.811	ng	99
10) Phenol	7.015	94	203031	54.996	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	138351	47.536	ng	98
12) 1,3-Dichlorobenzene	7.697	146	136832	48.093	ng	98
13) 1,4-Dichlorobenzene	7.844	146	139917	48.977	ng	97
14) 1,2-Dichlorobenzene	8.161	146	136968	50.147	ng	98
15) Benzyl Alcohol	8.055	79	140518	58.629	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.343	45	240669	50.906	ng	99
17) 2-Methylphenol	8.261	107	136349	50.512	ng	98
18) Hexachloroethane	8.890	117	51431	49.531	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	118003	48.339	ng	99
20) 3+4-Methylphenols	8.590	107	186952	51.202	ng	98
22) Acetophenone	8.637	105	229143	47.437	ng	99
24) Nitrobenzene	9.019	77	173583	46.495	ng	98
25) Isophorone	9.536	82	342254	45.107	ng	100
26) 2-Nitrophenol	9.730	139	78004	47.999	ng	97
27) 2,4-Dimethylphenol	9.789	122	128787	47.776	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	193036	46.749	ng	99
29) 2,4-Dichlorophenol	10.265	162	141331	50.495	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	151636	46.978	ng	96
31) Naphthalene	10.664	128	434924	45.742	ng	99
32) Benzoic acid	9.959	122	79475	39.511	ng	98
33) 4-Chloroaniline	10.782	127	115935	28.859	ng	99
34) Hexachlorobutadiene	10.940	225	95366	45.878	ng	97
35) Caprolactam	11.563	113	53089m	51.365	ng	
36) 4-Chloro-3-methylphenol	11.916	107	176310	50.923	ng	99
37) 2-Methylnaphthalene	12.280	142	303454	44.616	ng	98
38) 1-Methylnaphthalene	12.497	142	293529	45.401	ng	100
40) 1,2,4,5-Tetrachloroben...	12.650	216	177847	44.466	ng	100
41) Hexachlorocyclopentadiene	12.626	237	151691	81.514	ng	99
43) 2,4,6-Trichlorophenol	12.891	196	129061	46.914	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	141663	43.719	ng	97
46) 1,1'-Biphenyl	13.290	154	403010	45.045	ng	99
47) 2-Chloronaphthalene	13.337	162	325771	46.700	ng	99
48) 2-Nitroaniline	13.549	65	130506	49.014	ng	97
49) Acenaphthylene	14.183	152	543811	46.562	ng	100
50) Dimethylphthalate	13.919	163	457762	46.786	ng	99
51) 2,6-Dinitrotoluene	14.042	165	103092	48.021	ng	95
52) Acenaphthene	14.524	154	305805	45.315	ng	98
53) 3-Nitroaniline	14.377	138	74006	34.456	ng	96
54) 2,4-Dinitrophenol	14.595	184	115691	94.137	ng	96
55) Dibenzofuran	14.859	168	524288	45.213	ng	98
56) 4-Nitrophenol	14.700	139	158207	98.597	ng	97
57) 2,4-Dinitrotoluene	14.836	165	149993	50.396	ng	91
58) Fluorene	15.511	166	426361	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	135138	48.875	ng	97
60) Diethylphthalate	15.282	149	469806	47.133	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	237225	46.191	ng	98
62) 4-Nitroaniline	15.547	138	106481	52.333	ng	97
63) Azobenzene	15.793	77	456510	46.499	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	90221	50.554	ng	97
66) n-Nitrosodiphenylamine	15.723	169	386347	45.863	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	165779	45.159	ng	95
68) Hexachlorobenzene	16.516	284	187433	48.183	ng	99
69) Atrazine	16.669	200	162579	57.171	ng	98
70) Pentachlorophenol	16.863	266	187532	79.647	ng	99
71) Phenanthrene	17.250	178	714284	46.535	ng	99
72) Anthracene	17.344	178	732087	46.482	ng	99
73) Carbazole	17.615	167	693179	49.910	ng	99
74) Di-n-butylphthalate	18.167	149	838793	48.217	ng	99
75) Fluoranthene	19.266	202	883697	47.928	ng	99
77) Benzidine	19.454	184	303144	69.794	ng	98
78) Pyrene	19.630	202	913851	46.881	ng	99
80) Butylbenzylphthalate	20.517	149	374271	46.743	ng	98
81) Benzo(a)anthracene	21.434	228	938549	47.613	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	279423	41.926	ng	99
83) Chrysene	21.498	228	876749	46.390	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	544230	46.512	ng	99
85) Di-n-octyl phthalate	22.485	149	979780	47.628	ng	100
87) Indeno(1,2,3-cd)pyrene	28.032	276	1200309	49.606	ng	99
88) Benzo(b)fluoranthene	23.549	252	989173	50.142	ng	99
89) Benzo(k)fluoranthene	23.619	252	951027	47.988	ng	100
90) Benzo(a)pyrene	24.383	252	884755	45.668	ng	98
91) Dibenzo(a,h)anthracene	28.091	278	991007	49.532	ng	98
92) Benzo(g,h,i)perylene	29.137	276	962664	47.983	ng	99

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

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