Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
Data File : BG055215.D
Acq On : 19 Oct 2022 21:16
Operator : CG/JU
Sample : PB148413BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148413BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/24/2022

Quant Time: Oct 20 09:41:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	37195	20.000	ng	0.00
21) Naphthalene-d8	11.116	136	187980	20.000	ng	0.00
39) Acenaphthene-d10	14.900	164	132316	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	301168	20.000	ng	0.00
76) Chrysene-d12	21.915	240	258605	20.000	ng	0.00
86) Perylene-d12	25.323	264	258968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	360929	174.583	ng	0.00
7) Phenol-d6	7.426	99	517676	164.330	ng	0.00
23) Nitrobenzene-d5	9.459	82	316663	81.327	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	204266	148.984	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	691497	83.477	ng	0.00
79) Terphenyl-d14	20.206	244	1162634	83.770	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	34928	34.741	ng	96
3) Pyridine	4.036	79	101408	32.032	ng	99
4) n-Nitrosodimethylamine	3.948	42	63720	43.012	ng	97
6) Aniline	7.603	93	190702	46.694	ng	99
8) 2-Chlorophenol	7.844	128	135857	54.352	ng	100
9) Benzaldehyde	7.415	77	88040	40.204	ng	98
10) Phenol	7.456	94	193291	54.311	ng	99
11) bis(2-Chloroethyl)ether	7.691	93	128899	47.040	ng	99
12) 1,3-Dichlorobenzene	8.178	146	123987	45.728	ng	98
13) 1,4-Dichlorobenzene	8.325	146	124869	45.083	ng	99
14) 1,2-Dichlorobenzene	8.648	146	124639	47.228	ng	98
15) Benzyl Alcohol	8.519	79	144498m	53.409	ng	
16) 2,2'-oxybis(1-Chloropr...	8.813	45	224097	45.377	ng	97
17) 2-Methylphenol	8.719	107	133591	54.227	ng	99
18) Hexachloroethane	9.389	117	46052	45.936	ng	95
19) n-Nitroso-di-n-propyla...	9.095	70	128159	47.433	ng	96
20) 3+4-Methylphenols	9.048	107	188914	54.558	ng	98
22) Acetophenone	9.113	105	217369	42.749	ng	98
24) Nitrobenzene	9.506	77	172407	41.409	ng	98
25) Isophorone	10.029	82	355734	44.655	ng	98
26) 2-Nitrophenol	10.217	139	77725	47.456	ng	98
27) 2,4-Dimethylphenol	10.264	122	148879m	57.081	ng	
28) bis(2-Chloroethoxy)met...	10.499	93	197907	51.699	ng	99
29) 2,4-Dichlorophenol	10.758	162	137842	49.499	ng	95
30) 1,2,4-Trichlorobenzene	10.975	180	118119	41.428	ng	100
31) Naphthalene	11.169	128	436627	44.019	ng	99
32) Benzoic acid	10.411	122	94937	50.851	ng	93
33) 4-Chloroaniline	11.269	127	150645	36.882	ng	96
34) Hexachlorobutadiene	11.445	225	66196	38.449	ng	96
35) Caprolactam	12.039	113	62577m	51.134	ng	
36) 4-Chloro-3-methylphenol	12.368	107	179230	49.498	ng	99
37) 2-Methylnaphthalene	12.750	142	319015	42.283	ng	99
38) 1-Methylnaphthalene	12.967	142	307094	41.230	ng	99
40) 1,2,4,5-Tetrachloroben...	13.114	216	138415	44.505	ng	99
41) Hexachlorocyclopentadiene	13.090	237	158237	111.720	ng	98
43) 2,4,6-Trichlorophenol	13.343	196	109797	46.384	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.419	196	124705	48.020	ng		97
46) 1,1'-Biphenyl	13.742	154	431919	46.100	ng		100
47) 2-Chloronaphthalene	13.789	162	318134	44.105	ng		99
48) 2-Nitroaniline	13.983	65	138934	47.463	ng		99
49) Acenaphthylene	14.630	152	556643	45.110	ng		99
50) Dimethylphthalate	14.342	163	468962	45.059	ng		100
51) 2,6-Dinitrotoluene	14.465	165	100602	48.173	ng		95
52) Acenaphthene	14.965	154	401795m	51.142	ng		
53) 3-Nitroaniline	14.794	138	96683	37.167	ng		99
54) 2,4-Dinitrophenol	15.000	184	114729	108.975	ng		100
55) Dibenzofuran	15.294	168	525324	46.421	ng		99
56) 4-Nitrophenol	15.094	139	194045	106.089	ng		100
57) 2,4-Dinitrotoluene	15.247	165	145642	49.877	ng		99
58) Fluorene	15.940	166	440748	46.247	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.517	232	104340	46.137	ng		97
60) Diethylphthalate	15.693	149	516406	47.428	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	208113	47.048	ng		100
62) 4-Nitroaniline	15.952	138	125198	47.446	ng		96
63) Azobenzene	16.216	77	523751	47.594	ng		99
65) 4,6-Dinitro-2-methylph...	16.005	198	76037	47.265	ng		98
66) n-Nitrosodiphenylamine	16.134	169	396536	47.177	ng		99
67) 4-Bromophenyl-phenylether	16.815	248	135310	46.095	ng		97
68) Hexachlorobenzene	16.939	284	147139	45.799	ng		96
69) Atrazine	17.074	200	150936	54.483	ng		99
70) Pentachlorophenol	17.280	266	170021	98.059	ng		95
71) Phenanthrene	17.679	178	718132	44.685	ng		100
72) Anthracene	17.767	178	723508	46.070	ng		99
73) Carbazole	18.032	167	700488	48.437	ng		99
74) Di-n-butylphthalate	18.560	149	895630	47.481	ng		100
75) Fluoranthene	19.665	202	813831	45.716	ng		99
77) Benzidine	19.829	184	342999	52.158	ng		99
78) Pyrene	20.023	202	814523	41.800	ng		99
80) Butylbenzylphthalate	20.881	149	398450	43.747	ng		98
81) Benzo(a)anthracene	21.892	228	737766	43.982	ng		99
82) 3,3'-Dichlorobenzidine	21.798	252	230348	39.993	ng		98
83) Chrysene	21.962	228	692389	44.323	ng		99
84) Bis(2-ethylhexyl)phtha...	21.768	149	579554	48.632	ng		99
85) Di-n-octyl phthalate	23.043	149	966851	54.417	ng		95
87) Indeno(1,2,3-cd)pyrene	29.254	276	857052	47.583	ng	#	93
88) Benzo(b)fluoranthene	24.236	252	775494	50.428	ng	#	94
89) Benzo(k)fluoranthene	24.312	252	748171	48.038	ng	#	96
90) Benzo(a)pyrene	25.164	252	676232	51.232	ng	#	95
91) Dibenzo(a,h)anthracene	29.324	278	742290	50.304	ng	#	93
92) Benzo(g,h,i)perylene	30.499	276	733080	51.283	ng	#	87

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

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