Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
Data File : BG057026.D
Acq On : 7 Apr 2023 14:36
Operator : CG/JU
Sample : 02222-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 04:49:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.407	152	14259	20.000	ng		0.00
21) Naphthalene-d8	11.245	136	57802	20.000	ng		0.00
39) Acenaphthene-d10	15.022	164	45120	20.000	ng		0.00
64) Phenanthrene-d10	17.759	188	109667	20.000	ng		0.00
76) Chrysene-d12	22.083	240	95001	20.000	ng		0.00
86) Perylene-d12	25.625	264	101954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	94359	105.910	ng		0.00
7) Phenol-d6	7.544	99	140229	105.237	ng		0.00
23) Nitrobenzene-d5	9.582	82	89388	63.277	ng		0.00
42) 2,4,6-Tribromophenol	16.502	330	74562	103.442	ng		0.00
45) 2-Fluorobiphenyl	13.647	172	205445	61.743	ng		0.00
79) Terphenyl-d14	20.327	244	374588	66.722	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.714	88	15359	39.326	ng		95
3) Pyridine	4.143	79	44421	35.313	ng		96
4) n-Nitrosodimethylamine	4.049	42	23157	40.039	ng		94
6) Aniline	7.714	93	58824	34.532	ng		96
8) 2-Chlorophenol	7.967	128	44766	50.445	ng		91
9) Benzaldehyde	7.526	77	31048	37.149	ng		95
10) Phenol	7.567	94	66095	50.059	ng		95
11) bis(2-Chloroethyl)ether	7.802	93	42094	44.757	ng		96
12) 1,3-Dichlorobenzene	8.296	146	47648	48.593	ng		96
13) 1,4-Dichlorobenzene	8.443	146	48805	49.315	ng		97
14) 1,2-Dichlorobenzene	8.766	146	46145	48.263	ng		92
15) Benzyl Alcohol	8.642	79	51722	46.714	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	49182	43.390	ng		99
17) 2-Methylphenol	8.842	107	45279	48.068	ng		91
18) Hexachloroethane	9.506	117	17489	48.350	ng		91
19) n-Nitroso-di-n-propyla...	9.206	70	39351	41.287	ng	#	99
20) 3+4-Methylphenols	9.165	107	59840	45.429	ng		97
22) Acetophenone	9.236	105	75250	43.751	ng	#	96
24) Nitrobenzene	9.629	77	61490	42.575	ng		95
25) Isophorone	10.146	82	108224	40.231	ng		98
26) 2-Nitrophenol	10.346	139	26570	47.662	ng		91
27) 2,4-Dimethylphenol	10.387	122	48053	48.821	ng		100
28) bis(2-Chloroethoxy)met...	10.622	93	57524	42.714	ng		96
29) 2,4-Dichlorophenol	10.886	162	50799	47.990	ng		96
30) 1,2,4-Trichlorobenzene	11.104	180	50854	45.215	ng		95
31) Naphthalene	11.298	128	137978	43.794	ng		99
32) Benzoic acid	10.528	122	31168m	46.099	ng		
33) 4-Chloroaniline	11.398	127	39987	28.102	ng		97
34) Hexachlorobutadiene	11.574	225	37183	44.010	ng		95
35) Caprolactam	12.161	113	15444m	42.306	ng		
36) 4-Chloro-3-methylphenol	12.490	107	55361	46.766	ng		99
37) 2-Methylnaphthalene	12.872	142	103615	41.437	ng		97
38) 1-Methylnaphthalene	13.089	142	97179	41.388	ng		100
40) 1,2,4,5-Tetrachloroben...	13.236	216	71494	45.694	ng		98
41) Hexachlorocyclopentadiene	13.207	237	97117	112.655	ng		98
43) 2,4,6-Trichlorophenol	13.465	196	47129	47.202	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.536	196	49877	42.168	ng		94
46)	1,1'-Biphenyl	13.859	154	152253	46.097	ng		99
47)	2-Chloronaphthalene	13.912	162	113576	46.494	ng		99
48)	2-Nitroaniline	14.100	65	38469	44.041	ng		97
49)	Acenaphthylene	14.752	152	180230	44.905	ng		98
50)	Dimethylphthalate	14.458	163	155171	43.647	ng		97
51)	2,6-Dinitrotoluene	14.587	165	34671	45.137	ng		91
52)	Acenaphthene	15.087	154	142433m	51.455	ng		
53)	3-Nitroaniline	14.916	138	23945	31.494	ng		97
54)	2,4-Dinitrophenol	15.122	184	48059	111.158	ng		90
55)	Dibenzofuran	15.416	168	183716	44.220	ng		100
56)	4-Nitrophenol	15.216	139	55640	98.965	ng		89
57)	2,4-Dinitrotoluene	15.369	165	49892	46.053	ng	#	95
58)	Fluorene	16.062	166	150306	43.721	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.639	232	48515	45.048	ng	#	99
60)	Diethylphthalate	15.803	149	158990	44.610	ng		100
61)	4-Chlorophenyl-phenyle...	16.038	204	89160	44.172	ng		97
62)	4-Nitroaniline	16.079	138	34603	43.927	ng		95
63)	Azobenzene	16.332	77	173584	48.872	ng		97
65)	4,6-Dinitro-2-methylph...	16.132	198	34459	51.881	ng		98
66)	n-Nitrosodiphenylamine	16.256	169	131728	44.746	ng		98
67)	4-Bromophenyl-phenylether	16.937	248	58786	43.323	ng		93
68)	Hexachlorobenzene	17.066	284	65791	49.042	ng		95
69)	Atrazine	17.190	200	57222	46.825	ng		95
70)	Pentachlorophenol	17.407	266	80730	83.881	ng		97
71)	Phenanthrene	17.807	178	248487	44.441	ng		99
72)	Anthracene	17.895	178	254136	44.337	ng		100
73)	Carbazole	18.159	167	224404	44.904	ng		94
74)	Di-n-butylphthalate	18.676	149	255785	44.200	ng		99
75)	Fluoranthene	19.792	202	299168	42.208	ng		97
77)	Benzidine	19.957	184	172692	66.505	ng		99
78)	Pyrene	20.150	202	297559	45.285	ng		99
80)	Butylbenzylphthalate	21.008	149	106409	47.060	ng		94
81)	Benzo(a)anthracene	22.060	228	292501	44.493	ng		99
82)	3,3'-Dichlorobenzidine	21.954	252	56658	25.523	ng		96
83)	Chrysene	22.136	228	270161	43.890	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.913	149	149105	45.540	ng		99
85)	Di-n-octyl phthalate	23.223	149	253501	45.945	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.714	276	342064	45.397	ng	#	98
88)	Benzo(b)fluoranthene	24.492	252	298702	46.852	ng		97
89)	Benzo(k)fluoranthene	24.562	252	301901	47.433	ng		100
90)	Benzo(a)pyrene	25.455	252	263166	42.006	ng		98
91)	Dibenzo(a,h)anthracene	29.784	278	291344	47.040	ng		96
92)	Benzo(g,h,i)perylene	31.006	276	274804	45.312	ng		98

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

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