Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055346.D
Acq On : 28 Oct 2022 17:59
Operator : CG/JU
Sample : N5256-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 04:54:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.267	152	29900	20.000	ng		0.00
21) Naphthalene-d8	11.093	136	135752	20.000	ng		0.00
39) Acenaphthene-d10	14.876	164	93968	20.000	ng		0.00
64) Phenanthrene-d10	17.609	188	216250	20.000	ng		0.00
76) Chrysene-d12	21.886	240	198799	20.000	ng		0.00
86) Perylene-d12	25.276	264	214702	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	253488	148.445	ng		0.00
7) Phenol-d6	7.415	99	347753	140.566	ng		0.00
23) Nitrobenzene-d5	9.442	82	209761	78.902	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	160210	156.836	ng		0.00
45) 2-Fluorobiphenyl	13.507	172	493291	85.922	ng		0.00
79) Terphenyl-d14	20.182	244	842942	88.097	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	33306	40.395	ng		98
3) Pyridine	4.013	79	87071	35.068	ng		96
4) n-Nitrosodimethylamine	3.925	42	44027	39.911	ng		92
6) Aniline	7.579	93	133290	41.156	ng		100
8) 2-Chlorophenol	7.826	128	106139	53.463	ng		97
9) Benzaldehyde	7.391	77	50940	30.157	ng		98
10) Phenol	7.438	94	140509	50.705	ng		100
11) bis(2-Chloroethyl)ether	7.667	93	96034	45.909	ng		97
12) 1,3-Dichlorobenzene	8.155	146	107973	49.846	ng		96
13) 1,4-Dichlorobenzene	8.302	146	109696	49.580	ng		99
14) 1,2-Dichlorobenzene	8.625	146	107508	50.468	ng		97
15) Benzyl Alcohol	8.502	79	97878m	47.278	ng		
16) 2,2'-oxybis(1-Chloropr...	8.784	45	142603	41.656	ng		98
17) 2-Methylphenol	8.701	107	97067	49.530	ng		99
18) Hexachloroethane	9.359	117	38798	49.246	ng		92
19) n-Nitroso-di-n-propyla...	9.066	70	86177	41.948	ng		97
20) 3+4-Methylphenols	9.030	107	133900	47.704	ng		97
22) Acetophenone	9.089	105	161780	46.614	ng	#	97
24) Nitrobenzene	9.483	77	122282	44.175	ng		97
25) Isophorone	10.000	82	242834	45.222	ng		97
26) 2-Nitrophenol	10.200	139	63164	52.106	ng		96
27) 2,4-Dimethylphenol	10.247	122	104395m	55.163	ng		
28) bis(2-Chloroethoxy)met...	10.476	93	139817	51.570	ng		99
29) 2,4-Dichlorophenol	10.734	162	110052	54.208	ng		98
30) 1,2,4-Trichlorobenzene	10.952	180	103467	49.935	ng		99
31) Naphthalene	11.146	128	330895	45.692	ng		99
32) Benzoic acid	10.382	122	23401m	19.098	ng		
33) 4-Chloroaniline	11.245	127	84847	27.405	ng		99
34) Hexachlorobutadiene	11.416	225	62268	52.596	ng		98
35) Caprolactam	12.015	113	39960m	42.410	ng		
36) 4-Chloro-3-methylphenol	12.350	107	125840	49.260	ng		98
37) 2-Methylnaphthalene	12.726	142	240174	45.999	ng		99
38) 1-Methylnaphthalene	12.943	142	231327	44.908	ng		99
40) 1,2,4,5-Tetrachloroben...	13.090	216	121207	53.480	ng		100
41) Hexachlorocyclopentadiene	13.067	237	139452	126.748	ng		96
43) 2,4,6-Trichlorophenol	13.325	196	88949	53.138	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.402	196	96495	52.118	ng		97
46) 1,1'-Biphenyl	13.719	154	328622	50.989	ng		99
47) 2-Chloronaphthalene	13.766	162	248978	48.990	ng		98
48) 2-Nitroaniline	13.966	65	87313	43.930	ng		93
49) Acenaphthylene	14.606	152	416502	47.474	ng		100
50) Dimethylphthalate	14.318	163	341519	46.290	ng		100
51) 2,6-Dinitrotoluene	14.448	165	74148	49.389	ng		91
52) Acenaphthene	14.941	154	255940m	45.767	ng		
53) 3-Nitroaniline	14.777	138	63497	33.651	ng		99
54) 2,4-Dinitrophenol	14.988	184	25096	31.169	ng		94
55) Dibenzofuran	15.270	168	401707	47.880	ng		98
56) 4-Nitrophenol	15.088	139	130405	96.625	ng		93
57) 2,4-Dinitrotoluene	15.229	165	106895	49.065	ng		92
58) Fluorene	15.916	166	324925	46.545	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.493	232	83451	50.558	ng		96
60) Diethylphthalate	15.664	149	359408	45.795	ng		99
61) 4-Chlorophenyl-phenyle...	15.899	204	165272	51.519	ng		96
62) 4-Nitroaniline	15.934	138	84330	42.529	ng		98
63) Azobenzene	16.193	77	330738	43.258	ng		98
65) 4,6-Dinitro-2-methylph...	15.993	198	28456	23.937	ng		92
66) n-Nitrosodiphenylamine	16.110	169	293531	48.767	ng		100
67) 4-Bromophenyl-phenylether	16.792	248	111111	52.886	ng		97
68) Hexachlorobenzene	16.921	284	122232	51.455	ng		95
69) Atrazine	17.050	200	116719	57.027	ng		99
70) Pentachlorophenol	17.262	266	106621	79.467	ng		97
71) Phenanthrene	17.656	178	532628	46.184	ng		99
72) Anthracene	17.744	178	542655	48.131	ng		100
73) Carbazole	18.008	167	519052	47.865	ng		99
74) Di-n-butylphthalate	18.537	149	647975	47.802	ng		100
75) Fluoranthene	19.641	202	626422	46.614	ng		98
77) Benzidine	19.812	184	212965	44.243	ng		99
78) Pyrene	20.000	202	633936	46.523	ng		99
80) Butylbenzylphthalate	20.858	149	284742	44.221	ng		91
81) Benzo(a)anthracene	21.862	228	600418	44.976	ng		99
82) 3,3'-Dichlorobenzidine	21.768	252	169806	39.055	ng		99
83) Chrysene	21.939	228	557859	43.993	ng		99
84) Bis(2-ethylhexyl)phtha...	21.733	149	404591	43.984	ng		97
85) Di-n-octyl phthalate	22.990	149	677874	44.235	ng		97
87) Indeno(1,2,3-cd)pyrene	29.195	276	721392	45.492	ng	#	95
88) Benzo(b)fluoranthene	24.195	252	628043	48.630	ng		98
89) Benzo(k)fluoranthene	24.265	252	608473	46.659	ng		98
90) Benzo(a)pyrene	25.117	252	555091	50.121	ng		98
91) Dibenzo(a,h)anthracene	29.254	278	625055	48.032	ng		98
92) Benzo(g,h,i)perylene	30.417	276	614884	47.638	ng		97

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

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