Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
Data File : BG051174.D
Acq On : 22 Nov 2021 17:32
Operator : CG/JU
Sample : M4770-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CC-1MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 23 00:50:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.201	152	28238	20.000	ng		0.00
21) Naphthalene-d8	11.033	136	119801	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	84507	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	206860	20.000	ng	#	0.00
76) Chrysene-d12	21.891	240	189945	20.000	ng	#	0.00
86) Perylene-d12	25.293	264	193734	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.745	112	200207	109.600	ng		0.00
7) Phenol-d6	7.361	99	249545	96.993	ng		0.00
23) Nitrobenzene-d5	9.382	82	196162	74.745	ng		0.00
42) 2,4,6-Tribromophenol	16.327	330	103564	115.302	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	387772	69.241	ng		0.00
79) Terphenyl-d14	20.175	244	760899	73.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.589	88	27400	35.772	ng	#	55
3) Pyridine	4.012	79	51005	22.383	ng	#	87
4) n-Nitrosodimethylamine	3.912	42	40899	41.744	ng	#	43
6) Aniline	7.525	93	77198	25.259	ng		94
8) 2-Chlorophenol	7.766	128	80756	42.123	ng		93
9) Benzaldehyde	7.337	77	56392	30.295	ng		91
10) Phenol	7.390	94	99807	37.790	ng		83
11) bis(2-Chloroethyl)ether	7.614	93	79944	40.038	ng		90
12) 1,3-Dichlorobenzene	8.089	146	80904	39.446	ng		95
13) 1,4-Dichlorobenzene	8.242	146	81630	38.391	ng		95
14) 1,2-Dichlorobenzene	8.559	146	80151	39.738	ng		94
15) Benzyl Alcohol	8.448	79	86459	42.060	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.724	45	119611	41.440	ng		87
17) 2-Methylphenol	8.654	107	73963	41.482	ng	#	90
18) Hexachloroethane	9.294	117	30851	38.828	ng		95
19) n-Nitroso-di-n-propyla...	9.006	70	72696	38.279	ng		87
20) 3+4-Methylphenols	8.983	107	100846	39.686	ng		96
22) Acetophenone	9.035	105	126063	38.950	ng	#	93
24) Nitrobenzene	9.423	77	106171	41.714	ng		92
25) Isophorone	9.946	82	192808	40.808	ng	#	96
26) 2-Nitrophenol	10.140	139	46277	40.165	ng	#	90
27) 2,4-Dimethylphenol	10.187	122	81340	47.828	ng		94
28) bis(2-Chloroethoxy)met...	10.422	93	111492	39.627	ng		93
29) 2,4-Dichlorophenol	10.681	162	82027	42.736	ng		97
30) 1,2,4-Trichlorobenzene	10.892	180	84086	39.002	ng		94
31) Naphthalene	11.086	128	251562	39.794	ng		99
32) Benzoic acid	10.316	122	15428m	15.971	ng		
33) 4-Chloroaniline	11.198	127	27133	9.988	ng		96
34) Hexachlorobutadiene	11.350	225	50854	38.204	ng		96
35) Caprolactam	11.973	113	27947m	54.520	ng		
36) 4-Chloro-3-methylphenol	12.308	107	100636	42.465	ng	#	92
37) 2-Methylnaphthalene	12.678	142	181959	40.628	ng		93
38) 1-Methylnaphthalene	12.896	142	166315	38.037	ng		90
40) 1,2,4,5-Tetrachloroben...	13.037	216	97763	38.065	ng		97
41) Hexachlorocyclopentadiene	13.007	237	72226	98.606	ng		95
43) 2,4,6-Trichlorophenol	13.278	196	71433	40.339	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.360	196	76192	39.808	ng		92
46) 1,1'-Biphenyl	13.671	154	234409	38.588	ng		96
47) 2-Chloronaphthalene	13.724	162	188136	39.120	ng		98
48) 2-Nitroaniline	13.924	65	75699	43.549	ng		91
49) Acenaphthylene	14.564	152	311878	40.675	ng		95
50) Dimethylphthalate	14.282	163	266905	40.996	ng		99
51) 2,6-Dinitrotoluene	14.417	165	59163	43.507	ng	#	80
52) Acenaphthene	14.899	154	180892	40.422	ng		93
53) 3-Nitroaniline	14.752	138	41438	27.203	ng		98
54) 2,4-Dinitrophenol	14.964	184	29877	41.196	ng		84
55) Dibenzofuran	15.234	168	304839	39.224	ng		95
56) 4-Nitrophenol	15.064	139	89948	83.941	ng	#	73
57) 2,4-Dinitrotoluene	15.205	165	87475	44.909	ng	#	93
58) Fluorene	15.886	166	248983	40.805	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.463	232	66985	40.765	ng	#	97
60) Diethylphthalate	15.634	149	286422	41.718	ng		97
61) 4-Chlorophenyl-phenyle...	15.869	204	132226	39.639	ng		94
62) 4-Nitroaniline	15.916	138	65985	40.507	ng	#	64
63) Azobenzene	16.162	77	289903	42.162	ng		82
65) 4,6-Dinitro-2-methylph...	15.974	198	33508	27.124	ng		89
66) n-Nitrosodiphenylamine	16.086	169	231965	39.076	ng		99
67) 4-Bromophenyl-phenylether	16.762	248	84664	37.841	ng		95
68) Hexachlorobenzene	16.885	284	89264	39.254	ng		94
69) Atrazine	17.026	200	95001	60.176	ng		95
70) Pentachlorophenol	17.238	266	78167	75.611	ng		96
71) Phenanthrene	17.631	178	446615	40.169	ng		97
72) Anthracene	17.719	178	454384	41.196	ng		99
73) Carbazole	17.996	167	418479	38.572	ng		99
74) Di-n-butylphthalate	18.518	149	525052	39.974	ng	#	96
75) Fluoranthene	19.629	202	550814	40.184	ng		96
77) Benzidine	19.805	184	76981	24.682	ng		98
78) Pyrene	19.993	202	552815	40.131	ng		98
80) Butylbenzylphthalate	20.857	149	234143	39.870	ng		96
81) Benzo(a)anthracene	21.867	228	521078	40.226	ng		99
82) 3,3'-Dichlorobenzidine	21.773	252	125588	21.696	ng	#	97
83) Chrysene	21.938	228	500097	41.116	ng		96
84) Bis(2-ethylhexyl)phtha...	21.732	149	342651	41.887	ng		98
85) Di-n-octyl phthalate	22.996	149	582358	42.487	ng		100
87) Indeno(1,2,3-cd)pyrene	29.224	276	579601	41.687	ng	#	89
88) Benzo(b)fluoranthene	24.206	252	532365	44.577	ng	#	95
89) Benzo(k)fluoranthene	24.276	252	504120	41.613	ng	#	98
90) Benzo(a)pyrene	25.134	252	513597	49.560	ng	#	94
91) Dibenzo(a,h)anthracene	29.282	278	486076	42.437	ng	#	93
92) Benzo(g,h,i)perylene	30.451	276	481853	42.535	ng	#	89

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

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