Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055878.D
Acq On : 2 Dec 2022 17:47
Operator : CG/JU
Sample : N5848-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Quant Time: Dec 03 04:30:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	32689	20.000	ng	0.00
21) Naphthalene-d8	11.031	136	143068	20.000	ng	0.00
39) Acenaphthene-d10	14.827	164	106756	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	247561	20.000	ng	0.00
76) Chrysene-d12	21.860	240	232627	20.000	ng	0.00
86) Perylene-d12	25.238	264	251565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	274513	151.790	ng	0.00
7) Phenol-d6	7.359	99	368027	152.873	ng	0.00
23) Nitrobenzene-d5	9.374	82	225297	83.233	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	197157	131.153	ng	0.00
45) 2-Fluorobiphenyl	13.452	172	573432	80.471	ng	0.00
79) Terphenyl-d14	20.156	244	953761	82.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	30872	39.945	ng	99
3) Pyridine	3.957	79	86113	36.320	ng	99
4) n-Nitrosodimethylamine	3.875	42	55630	44.317	ng	95
6) Aniline	7.512	93	110611	36.580	ng	97
8) 2-Chlorophenol	7.765	128	108384	52.424	ng	99
9) Benzaldehyde	7.324	77	52785m	32.285	ng	
10) Phenol	7.383	94	141923	52.651	ng	99
11) bis(2-Chloroethyl)ether	7.606	93	95966	46.456	ng	99
12) 1,3-Dichlorobenzene	8.088	146	112178	46.150	ng	99
13) 1,4-Dichlorobenzene	8.235	146	112596	45.841	ng	98
14) 1,2-Dichlorobenzene	8.558	146	111323	47.296	ng	98
15) Benzyl Alcohol	8.434	79	97831m	50.002	ng	
16) 2,2'-oxybis(1-Chloropr...	8.722	45	175005	46.798	ng	99
17) 2-Methylphenol	8.646	107	97632	51.016	ng	98
18) Hexachloroethane	9.292	117	39568	46.804	ng	97
19) n-Nitroso-di-n-propyla...	9.004	70	86104	46.550	ng	99
20) 3+4-Methylphenols	8.975	107	136267	50.972	ng	99
22) Acetophenone	9.028	105	165913	44.629	ng	98
24) Nitrobenzene	9.416	77	126532	44.753	ng	100
25) Isophorone	9.938	82	239837	46.764	ng	99
26) 2-Nitrophenol	10.132	139	64513	49.428	ng	94
27) 2,4-Dimethylphenol	10.185	122	113954m	57.366	ng	
28) bis(2-Chloroethoxy)met...	10.414	93	139060	50.506	ng	99
29) 2,4-Dichlorophenol	10.679	162	117431	49.390	ng	98
30) 1,2,4-Trichlorobenzene	10.884	180	121673	44.048	ng	98
31) Naphthalene	11.078	128	338113	43.717	ng	99
32) Benzoic acid	10.350	122	47615m	29.134	ng	
33) 4-Chloroaniline	11.184	127	61960	19.421	ng	98
34) Hexachlorobutadiene	11.354	225	80585	42.724	ng	97
35) Caprolactam	11.966	113	37660m	45.772	ng	
36) 4-Chloro-3-methylphenol	12.300	107	127764	48.891	ng	95
37) 2-Methylnaphthalene	12.671	142	257964	44.547	ng	99
38) 1-Methylnaphthalene	12.888	142	244885	43.561	ng	99
40) 1,2,4,5-Tetrachloroben...	13.035	216	152724	45.523	ng	99
41) Hexachlorocyclopentadiene	13.005	237	101461	60.005	ng	99
43) 2,4,6-Trichlorophenol	13.270	196	99892	43.650	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.352	196	109802	43.661	ng		99
46) 1,1'-Biphenyl	13.664	154	353930	45.495	ng		97
47) 2-Chloronaphthalene	13.716	162	269984	44.650	ng		100
48) 2-Nitroaniline	13.916	65	90131	45.337	ng		94
49) Acenaphthylene	14.557	152	445998	44.791	ng		99
50) Dimethylphthalate	14.275	163	368217	43.268	ng		99
51) 2,6-Dinitrotoluene	14.398	165	79380	45.619	ng		96
52) Acenaphthene	14.892	154	310048m	47.643	ng		
53) 3-Nitroaniline	14.733	138	51486	26.954	ng		97
54) 2,4-Dinitrophenol	14.950	184	78869	78.832	ng		96
55) Dibenzofuran	15.226	168	439039	43.732	ng		99
56) 4-Nitrophenol	15.050	139	114675	76.491	ng		97
57) 2,4-Dinitrotoluene	15.191	165	114168	46.536	ng		94
58) Fluorene	15.873	166	348531	43.467	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.456	232	95658	39.255	ng		99
60) Diethylphthalate	15.626	149	368728	42.855	ng		100
61) 4-Chlorophenyl-phenyle...	15.855	204	195516	44.358	ng		98
62) 4-Nitroaniline	15.896	138	79437	39.783	ng		96
63) Azobenzene	16.149	77	334275	44.501	ng		99
65) 4,6-Dinitro-2-methylph...	15.955	198	61922	44.795	ng		96
66) n-Nitrosodiphenylamine	16.072	169	314121	46.042	ng		99
67) 4-Bromophenyl-phenylether	16.748	248	131651	46.673	ng		99
68) Hexachlorobenzene	16.877	284	140748	45.001	ng		98
69) Atrazine	17.007	200	129496	47.992	ng		99
70) Pentachlorophenol	17.224	266	126824	66.286	ng		99
71) Phenanthrene	17.612	178	579462	43.375	ng		99
72) Anthracene	17.706	178	588493	45.337	ng		99
73) Carbazole	17.970	167	522480	44.774	ng		100
74) Di-n-butylphthalate	18.499	149	632749	43.669	ng		99
75) Fluoranthene	19.610	202	673760	41.455	ng		99
77) Benzidine	19.786	184	393455	73.110	ng		97
78) Pyrene	19.974	202	682661	43.354	ng		100
80) Butylbenzylphthalate	20.832	149	275708	44.727	ng		99
81) Benzo(a)anthracene	21.842	228	685925	42.810	ng		100
82) 3,3'-Dichlorobenzidine	21.742	252	138929	24.677	ng		99
83) Chrysene	21.907	228	646183	42.364	ng		99
84) Bis(2-ethylhexyl)phtha...	21.707	149	395608	44.657	ng		100
85) Di-n-octyl phthalate	22.959	149	681454	44.949	ng		100
87) Indeno(1,2,3-cd)pyrene	29.122	276	828902	40.221	ng	#	94
88) Benzo(b)fluoranthene	24.157	252	728096	44.441	ng		99
89) Benzo(k)fluoranthene	24.228	252	709232	43.429	ng		99
90) Benzo(a)pyrene	25.080	252	647852	46.081	ng		100
91) Dibenzo(a,h)anthracene	29.187	278	704483	41.831	ng		98
92) Benzo(g,h,i)perylene	30.362	276	690688	40.692	ng		98

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

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