Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050664.D
Acq On : 21 Oct 2021 12:24
Operator : CG/JU
Sample : PB140074BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140074BS

Manual Integrations APPROVED
mohammad
10/22/2021 2:54:05 PM

Quant Time: Oct 21 13:04:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	41053	20.00	ng		0.00
21) Naphthalene-d8	11.078	136	177158	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	117666	20.00	ng		0.00
64) Phenanthrene-d10	17.617	188	252554	20.00	ng		# 0.00
76) Chrysene-d12	21.924	240	194001	20.00	ng		# 0.00
86) Perylene-d12	25.338	264	189863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	344261	125.41	ng		0.00
7) Phenol-d6	7.400	99	462937	116.48	ng		0.00
23) Nitrobenzene-d5	9.427	82	325323	76.02	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	134576	119.91	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	605344	77.43	ng		0.00
79) Terphenyl-d14	20.209	244	883677	88.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	36863	25.93	ng		92
3) Pyridine	4.057	79	94896	24.43	ng		94
4) n-Nitrosodimethylamine	3.969	42	73120	39.95	ng	#	47
6) Aniline	7.570	93	207352	44.91	ng		97
8) 2-Chlorophenol	7.817	128	124766	47.21	ng		90
9) Benzaldehyde	7.382	77	100397	40.08	ng		93
10) Phenol	7.424	94	173675	44.94	ng		86
11) bis(2-Chloroethyl)ether	7.664	93	127425	42.25	ng		88
12) 1,3-Dichlorobenzene	8.140	146	129941	42.59	ng		96
13) 1,4-Dichlorobenzene	8.287	146	129632	42.15	ng		98
14) 1,2-Dichlorobenzene	8.610	146	127353	43.35	ng		95
15) Benzyl Alcohol	8.487	79	140025	44.58	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.775	45	212301	43.16	ng		84
17) 2-Methylphenol	8.687	107	118462	46.59	ng		92
18) Hexachloroethane	9.345	117	50390	43.29	ng		91
19) n-Nitroso-di-n-propyla...	9.057	70	122360	42.24	ng	#	89
20) 3+4-Methylphenols	9.016	107	160122	44.74	ng		97
22) Acetophenone	9.080	105	203232	40.35	ng	#	96
24) Nitrobenzene	9.468	77	175757	41.30	ng		96
25) Isophorone	9.991	82	313179	41.26	ng	#	95
26) 2-Nitrophenol	10.179	139	71575	45.81	ng	#	91
27) 2,4-Dimethylphenol	10.232	122	130166	48.22	ng		93
28) bis(2-Chloroethoxy)met...	10.467	93	175037	40.33	ng		93
29) 2,4-Dichlorophenol	10.720	162	122751	44.61	ng		98
30) 1,2,4-Trichlorobenzene	10.937	180	127730	40.87	ng		99
31) Naphthalene	11.131	128	393375	41.48	ng		98
32) Benzoic acid	10.373	122	68383	34.13	ng	#	78
33) 4-Chloroaniline	11.231	127	163687	41.14	ng		95
34) Hexachlorobutadiene	11.401	225	79456	40.49	ng		95
35) Caprolactam	12.006	113	48765m	46.31	ng		
36) 4-Chloro-3-methylphenol	12.335	107	150841	43.86	ng	#	90
37) 2-Methylnaphthalene	12.717	142	282495	43.18	ng		95
38) 1-Methylnaphthalene	12.935	142	260746	41.10	ng		91
40) 1,2,4,5-Tetrachloroben...	13.082	216	142143	40.91	ng		96
41) Hexachlorocyclopentadiene	13.052	237	177963	88.62	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	103340	42.20	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	109926	42.94	ng		94
46) 1,1'-Biphenyl	13.710	154	348010	40.55	ng		95
47) 2-Chloronaphthalene	13.757	162	272733	41.38	ng		99
48) 2-Nitroaniline	13.957	65	116809	44.56	ng		92
49) Acenaphthylene	14.603	152	453201	41.97	ng		96
50) Dimethylphthalate	14.315	163	370480	41.66	ng		99
51) 2,6-Dinitrotoluene	14.445	165	79718	44.75	ng		93
52) Acenaphthene	14.938	154	315525m	45.47	ng		
53) 3-Nitroaniline	14.780	138	84915	40.30	ng		94
54) 2,4-Dinitrophenol	14.985	184	91119	82.45	ng		88
55) Dibenzofuran	15.273	168	427434	39.83	ng		96
56) 4-Nitrophenol	15.079	139	139479	82.29	ng	#	81
57) 2,4-Dinitrotoluene	15.232	165	115562	46.02	ng		95
58) Fluorene	15.919	166	342693	41.57	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	88801	39.82	ng		93
60) Diethylphthalate	15.673	149	385172	41.22	ng		98
61) 4-Chlorophenyl-phenyle...	15.902	204	183786	40.75	ng		98
62) 4-Nitroaniline	15.937	138	90106	41.10	ng	#	67
63) Azobenzene	16.196	77	433551	40.08	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	63337	41.75	ng		87
66) n-Nitrosodiphenylamine	16.119	169	308213	42.95	ng		96
67) 4-Bromophenyl-phenylether	16.801	248	109894	43.18	ng		99
68) Hexachlorobenzene	16.918	284	112452	44.46	ng		94
69) Atrazine	17.059	200	127568	45.13	ng		98
70) Pentachlorophenol	17.265	266	131311	76.26	ng		97
71) Phenanthrene	17.664	178	560267	42.10	ng		98
72) Anthracene	17.753	178	575750	43.54	ng		98
73) Carbazole	18.023	167	527919	40.05	ng		98
74) Di-n-butylphthalate	18.552	149	654766	42.33	ng		97
75) Fluoranthene	19.656	202	636892	38.93	ng		95
77) Benzidine	19.833	184	544064	86.53	ng		96
78) Pyrene	20.021	202	635049	46.14	ng		96
80) Butylbenzylphthalate	20.890	149	257117	44.16	ng		96
81) Benzo(a)anthracene	21.901	228	552170	43.01	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	190718	44.83	ng	#	95
83) Chrysene	21.971	228	531358	44.01	ng		96
84) Bis(2-ethylhexyl)phtha...	21.771	149	361735	43.73	ng	#	97
85) Di-n-octyl phthalate	23.052	149	622183	45.09	ng		96
87) Indeno(1,2,3-cd)pyrene	29.274	276	595474	45.03	ng	#	88
88) Benzo(b)fluoranthene	24.245	252	538080	46.28	ng	#	93
89) Benzo(k)fluoranthene	24.321	252	534087	46.69	ng	#	97
90) Benzo(a)pyrene	25.179	252	525021	53.11	ng	#	96
91) Dibenzo(a,h)anthracene	29.345	278	509582	46.59	ng	#	91
92) Benzo(g,h,i)perylene	30.508	276	495662	46.27	ng	#	90

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

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