Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048746.D
Acq On : 17 Apr 2021 8:59
Operator : CG/JU
Sample : M2030-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-304MS

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:30 AM

Quant Time: Apr 19 00:24:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.081	152	16288	20.00	ng		0.00
21) Naphthalene-d8	10.907	136	67215	20.00	ng		# 0.00
39) Acenaphthene-d10	14.738	164	51028	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	127947	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	121816	20.00	ng		0.00
86) Perylene-d12	25.138	264	124532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.631	112	152065	156.15	ng		0.00
7) Phenol-d6	7.241	99	182728	132.65	ng		0.00
23) Nitrobenzene-d5	9.251	82	155803	103.78	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	109037	159.37	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	352829	99.85	ng		0.00
79) Terphenyl-d14	20.102	244	726005	102.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	15524	40.68	ng	#	41
3) Pyridine	3.904	79	23797	23.93	ng		92
4) n-Nitrosodimethylamine	3.804	42	40343	53.13	ng		100
6) Aniline	7.394	93	40895	26.45	ng		96
8) 2-Chlorophenol	7.646	128	61071	59.11	ng		96
9) Benzaldehyde	7.206	77	37707	41.31	ng		89
10) Phenol	7.270	94	70135	51.78	ng		97
11) bis(2-Chloroethyl)ether	7.488	93	49623	54.36	ng		94
12) 1,3-Dichlorobenzene	7.964	146	59800	50.34	ng		96
13) 1,4-Dichlorobenzene	8.117	146	62159	51.35	ng		94
14) 1,2-Dichlorobenzene	8.434	146	61990	55.50	ng		95
15) Benzyl Alcohol	8.322	79	70391	57.99	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.610	45	56360	56.95	ng		88
17) 2-Methylphenol	8.528	107	51666	59.75	ng		96
18) Hexachloroethane	9.168	117	24285	51.07	ng	#	81
19) n-Nitroso-di-n-propyla...	8.886	70	51094	54.98	ng		97
20) 3+4-Methylphenols	8.857	107	68399	57.33	ng		95
22) Acetophenone	8.904	105	98904	56.53	ng	#	98
24) Nitrobenzene	9.292	77	83180	55.54	ng	#	97
25) Isophorone	9.820	82	145525	54.81	ng	#	94
26) 2-Nitrophenol	10.008	139	34179	52.73	ng	#	85
27) 2,4-Dimethylphenol	10.067	122	62709	62.93	ng		85
28) bis(2-Chloroethoxy)met...	10.302	93	70771	61.18	ng	#	89
29) 2,4-Dichlorophenol	10.555	162	65463	58.25	ng		92
30) 1,2,4-Trichlorobenzene	10.766	180	67237	51.60	ng		99
31) Naphthalene	10.960	128	186277	54.01	ng		99
32) Benzoic acid	10.243	122	32734	56.07	ng		88
33) 4-Chloroaniline	11.072	127	11554	8.05	ng	#	83
34) Hexachlorobutadiene	11.236	225	48275	49.90	ng	#	88
35) Caprolactam	11.842	113	19029m	49.83	ng		
36) 4-Chloro-3-methylphenol	12.194	107	75830	59.58	ng	#	92
37) 2-Methylnaphthalene	12.564	142	151376	54.92	ng		100
38) 1-Methylnaphthalene	12.782	142	140203	54.67	ng		99
40) 1,2,4,5-Tetrachloroben...	12.929	216	86035	51.80	ng		96
41) Hexachlorocyclopentadiene	12.905	237	84691	92.50	ng		82
43) 2,4,6-Trichlorophenol	13.169	196	60152	54.27	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	65610	55.74	ng		93
46) 1,1'-Biphenyl	13.569	154	205159	54.43	ng		99
47) 2-Chloronaphthalene	13.616	162	154504	53.66	ng		97
48) 2-Nitroaniline	13.816	65	61007	58.97	ng		98
49) Acenaphthylene	14.462	152	257833	57.40	ng		95
50) Dimethylphthalate	14.186	163	219747	57.41	ng		99
51) 2,6-Dinitrotoluene	14.309	165	48848	55.32	ng		94
52) Acenaphthene	14.803	154	165808	58.13	ng		97
53) 3-Nitroaniline	14.644	138	28158	33.21	ng	#	93
54) 2,4-Dinitrophenol	14.856	184	52770	98.26	ng		94
55) Dibenzofuran	15.138	168	251760	53.32	ng		97
56) 4-Nitrophenol	14.967	139	68852	109.62	ng		84
57) 2,4-Dinitrotoluene	15.102	165	73514	57.33	ng	#	96
58) Fluorene	15.790	166	223070	57.52	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.367	232	62122	57.04	ng		99
60) Diethylphthalate	15.549	149	235760	59.54	ng		97
61) 4-Chlorophenyl-phenyle...	15.772	204	119949	56.25	ng		99
62) 4-Nitroaniline	15.813	138	47972	52.93	ng	#	76
63) Azobenzene	16.072	77	224314	56.25	ng		95
65) 4,6-Dinitro-2-methylph...	15.866	198	41696	48.68	ng		88
66) n-Nitrosodiphenylamine	15.996	169	200328	55.40	ng		97
67) 4-Bromophenyl-phenylether	16.671	248	79876	54.24	ng		94
68) Hexachlorobenzene	16.795	284	84055	56.35	ng		96
69) Atrazine	16.941	200	90560	60.22	ng		96
70) Pentachlorophenol	17.147	266	85499	107.57	ng		98
71) Phenanthrene	17.535	178	379242	57.11	ng		95
72) Anthracene	17.629	178	382599	58.23	ng		98
73) Carbazole	17.899	167	347772	55.25	ng		99
74) Di-n-butylphthalate	18.446	149	420375	59.58	ng		99
75) Fluoranthene	19.550	202	474282	56.48	ng		100
77) Benzidine	19.726	184	45896	13.87	ng	#	89
78) Pyrene	19.914	202	472751	56.09	ng		98
80) Butylbenzylphthalate	20.790	149	188118	57.08	ng		92
81) Benzo(a)anthracene	21.771	228	470264	56.49	ng		97
82) 3,3'-Dichlorobenzidine	21.683	252	104543	36.62	ng		98
83) Chrysene	21.842	228	432753	54.58	ng		99
84) Bis(2-ethylhexyl)phtha...	21.659	149	267829	58.05	ng		100
85) Di-n-octyl phthalate	22.911	149	445087	56.67	ng		99
87) Indeno(1,2,3-cd)pyrene	28.980	276	524953	57.40	ng	#	80
88) Benzo(b)fluoranthene	24.074	252	471025m	55.75	ng		
89) Benzo(k)fluoranthene	24.145	252	436657	54.96	ng		98
90) Benzo(a)pyrene	24.985	252	414299	53.23	ng	#	99
91) Dibenzo(a,h)anthracene	29.051	278	435094	55.46	ng	#	97
92) Benzo(g,h,i)perylene	30.185	276	431272	55.69	ng		100

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

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