Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048675.D
Acq On : 13 Apr 2021 15:37
Operator : CG/JU
Sample : PB135702BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135702BS

Manual Integrations APPROVED
mohammad
4/14/2021 11:51:48 AM

Quant Time: Apr 14 00:29:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.083	152	19146	20.00	ng		#-0.02
21) Naphthalene-d8	10.909	136	77398	20.00	ng		#-0.02
39) Acenaphthene-d10	14.740	164	58153	20.00	ng		-0.01
64) Phenanthrene-d10	17.495	188	144844	20.00	ng		# 0.00
76) Chrysene-d12	21.796	240	146817	20.00	ng		0.00
86) Perylene-d12	25.128	264	140018	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.633	112	133861	123.44	ng		0.00
7) Phenol-d6	7.243	99	170735	108.56	ng		0.00
23) Nitrobenzene-d5	9.258	82	113836	71.21	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	79522	104.03	ng		0.00
45) 2-Fluorobiphenyl	13.359	172	246780	63.07	ng		-0.01
79) Terphenyl-d14	20.104	244	510165	63.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.488	88	16055	36.80	ng	#	86
3) Pyridine	3.888	79	46722	42.71	ng		97
4) n-Nitrosodimethylamine	3.806	42	38991	54.56	ng		99
6) Aniline	7.401	93	46613	25.81	ng		94
8) 2-Chlorophenol	7.648	128	51154	41.74	ng		97
9) Benzaldehyde	7.207	77	32154	31.98	ng	#	83
10) Phenol	7.272	94	70309	44.65	ng		92
11) bis(2-Chloroethyl)ether	7.495	93	45375	41.53	ng		88
12) 1,3-Dichlorobenzene	7.971	146	59084	42.80	ng		98
13) 1,4-Dichlorobenzene	8.118	146	58439	41.98	ng		89
14) 1,2-Dichlorobenzene	8.441	146	56362	42.28	ng		94
15) Benzyl Alcohol	8.324	79	59062	45.84	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.618	45	50297	47.72	ng		95
17) 2-Methylphenol	8.535	107	43199	42.40	ng		93
18) Hexachloroethane	9.182	117	22832	44.14	ng		87
19) n-Nitroso-di-n-propyla...	8.888	70	43710	40.32	ng	#	92
20) 3+4-Methylphenols	8.858	107	59238	41.89	ng		91
22) Acetophenone	8.911	105	81143	40.66	ng	#	96
24) Nitrobenzene	9.299	77	72290	46.08	ng		94
25) Isophorone	9.822	82	118768	40.23	ng		95
26) 2-Nitrophenol	10.010	139	29280	40.62	ng	#	86
27) 2,4-Dimethylphenol	10.075	122	50487	44.51	ng		89
28) bis(2-Chloroethoxy)met...	10.304	93	59920	44.28	ng		96
29) 2,4-Dichlorophenol	10.556	162	54715	42.60	ng		96
30) 1,2,4-Trichlorobenzene	10.768	180	60064	40.70	ng		96
31) Naphthalene	10.962	128	161109	40.48	ng		98
32) Benzoic acid	10.222	122	31178	35.73	ng	#	86
33) 4-Chloroaniline	11.068	127	21134	12.58	ng	#	93
34) Hexachlorobutadiene	11.244	225	46327	42.98	ng		96
35) Caprolactam	11.849	113	18735m	39.98	ng		
36) 4-Chloro-3-methylphenol	12.196	107	62100	43.06	ng		96
37) 2-Methylnaphthalene	12.566	142	128250	40.48	ng		92
38) 1-Methylnaphthalene	12.783	142	117279	38.82	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.930	216	73191	40.60	ng		95
41) Hexachlorocyclopentadiene	12.913	237	89887	86.07	ng		97
43) 2,4,6-Trichlorophenol	13.171	196	48647	39.26	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	54947	41.45	ng		94
46) 1,1'-Biphenyl	13.571	154	169737	39.95	ng		98
47) 2-Chloronaphthalene	13.618	162	126616	39.11	ng		98
48) 2-Nitroaniline	13.817	65	46540	45.22	ng	#	80
49) Acenaphthylene	14.464	152	211139	41.60	ng		98
50) Dimethylphthalate	14.187	163	173857	40.28	ng		98
51) 2,6-Dinitrotoluene	14.311	165	37862	38.34	ng	#	67
52) Acenaphthene	14.804	154	166901m	45.47	ng		
53) 3-Nitroaniline	14.646	138	16821	17.37	ng		93
54) 2,4-Dinitrophenol	14.851	184	46140	83.10	ng		96
55) Dibenzofuran	15.139	168	200472	37.39	ng		99
56) 4-Nitrophenol	14.963	139	59677	76.35	ng		90
57) 2,4-Dinitrotoluene	15.098	165	56280	40.29	ng	#	85
58) Fluorene	15.791	166	174720	38.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.368	232	50234	38.84	ng		96
60) Diethylphthalate	15.551	149	182404	41.13	ng		97
61) 4-Chlorophenyl-phenyle...	15.780	204	100094	41.46	ng		96
62) 4-Nitroaniline	15.809	138	37659	37.18	ng	#	70
63) Azobenzene	16.073	77	178765	40.97	ng		93
65) 4,6-Dinitro-2-methylph...	15.868	198	34638	39.80	ng		95
66) n-Nitrosodiphenylamine	15.991	169	154990	37.61	ng		97
67) 4-Bromophenyl-phenylether	16.673	248	63440	39.51	ng		89
68) Hexachlorobenzene	16.796	284	67493	40.26	ng		99
69) Atrazine	16.943	200	65737	39.11	ng		98
70) Pentachlorophenol	17.143	266	74570	71.56	ng		95
71) Phenanthrene	17.536	178	292885	38.95	ng		99
72) Anthracene	17.630	178	296560	39.58	ng		99
73) Carbazole	17.901	167	268605	37.80	ng		96
74) Di-n-butylphthalate	18.447	149	326401	41.12	ng		98
75) Fluoranthene	19.546	202	387272	41.55	ng		94
77) Benzidine	19.728	184	121736	24.49	ng		96
78) Pyrene	19.910	202	380141	37.66	ng		98
80) Butylbenzylphthalate	20.791	149	157237	41.94	ng		95
81) Benzo(a)anthracene	21.773	228	392286	39.99	ng		98
82) 3,3'-Dichlorobenzidine	21.685	252	86310	25.61	ng		93
83) Chrysene	21.843	228	365808	39.08	ng		96
84) Bis(2-ethylhexyl)phtha...	21.661	149	224702	43.03	ng		98
85) Di-n-octyl phthalate	22.913	149	379158	41.65	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.970	276	442835	45.11	ng	#	90
88) Benzo(b)fluoranthene	24.070	252	412443	45.35	ng	#	96
89) Benzo(k)fluoranthene	24.141	252	366200	41.88	ng	#	99
90) Benzo(a)pyrene	24.975	252	351573	41.95	ng		98
91) Dibenzo(a,h)anthracene	29.041	278	364566	43.51	ng		98
92) Benzo(g,h,i)perylene	30.169	276	360573	43.94	ng	#	98

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

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