Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
Data File : BG048140.D
Acq On : 11 Feb 2021 17:53
Operator : CG/JU
Sample : PB134579BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134579BSD

Manual Integrations APPROVED
mohammad
2/12/2021 11:23:37 AM

Quant Time: Feb 11 23:42:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 17:26:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	41807	20.00	ng		# 0.00
21) Naphthalene-d8	10.912	136	163566	20.00	ng		0.00
39) Acenaphthene-d10	14.731	164	121585	20.00	ng		0.00
64) Phenanthrene-d10	17.469	188	311635	20.00	ng		# 0.00
76) Chrysene-d12	21.741	240	352101	20.00	ng		# 0.00
86) Perylene-d12	25.007	264	361040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	349579	142.33	ng		0.00
7) Phenol-d6	7.257	99	483305	129.52	ng		0.00
23) Nitrobenzene-d5	9.267	82	274131	70.89	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	234920	120.80	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	612054	70.57	ng		0.00
79) Terphenyl-d14	20.066	244	1198065	62.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.538	88	54458	48.39	ng		96
3) Pyridine	3.938	79	144028	46.29	ng		92
4) n-Nitrosodimethylamine	3.850	42	83063	50.28	ng	#	77
6) Aniline	7.422	93	183216	41.09	ng		92
8) 2-Chlorophenol	7.663	128	144224	53.46	ng		85
9) Benzaldehyde	7.234	77	80461	30.44	ng		87
10) Phenol	7.281	94	201134	53.31	ng		81
11) bis(2-Chloroethyl)ether	7.516	93	141032	47.98	ng		95
12) 1,3-Dichlorobenzene	7.992	146	155500	49.90	ng	#	91
13) 1,4-Dichlorobenzene	8.139	146	158563	50.45	ng		95
14) 1,2-Dichlorobenzene	8.456	146	152073m	50.88	ng		
15) Benzyl Alcohol	8.339	79	163346	49.67	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.632	45	186839	49.02	ng		95
17) 2-Methylphenol	8.538	107	129062	52.46	ng	#	85
18) Hexachloroethane	9.191	117	60416	50.43	ng		93
19) n-Nitroso-di-n-propyla...	8.908	70	128575	44.64	ng	#	95
20) 3+4-Methylphenols	8.861	107	177618	51.81	ng		90
22) Acetophenone	8.926	105	229376	48.85	ng	#	94
24) Nitrobenzene	9.308	77	196059	47.52	ng	#	86
25) Isophorone	9.831	82	341253	44.50	ng		93
26) 2-Nitrophenol	10.025	139	83136	48.72	ng	#	74
27) 2,4-Dimethylphenol	10.072	122	137518	55.98	ng		89
28) bis(2-Chloroethoxy)met...	10.313	93	199118	53.12	ng		96
29) 2,4-Dichlorophenol	10.554	162	158981	50.61	ng		95
30) 1,2,4-Trichlorobenzene	10.777	180	176949	49.54	ng		99
31) Naphthalene	10.965	128	432633	47.91	ng		98
32) Benzoic acid	10.201	122	82402	45.40	ng	#	66
33) 4-Chloroaniline	11.071	127	92437	23.60	ng	#	92
34) Hexachlorobutadiene	11.253	225	125298	46.90	ng		98
35) Caprolactam	11.834	113	51438m	49.43	ng		
36) 4-Chloro-3-methylphenol	12.181	107	170910	49.21	ng		85
37) 2-Methylnaphthalene	12.563	142	327252	46.62	ng	#	92
38) 1-Methylnaphthalene	12.780	142	308126	46.40	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.927	216	216604	49.88	ng	#	96
41) Hexachlorocyclopentadiene	12.910	237	320948	121.20	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	154834	49.62	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	165299	49.11	ng	#	94
46) 1,1'-Biphenyl	13.562	154	434899	49.93	ng		98
47) 2-Chloronaphthalene	13.609	162	357310	48.20	ng		97
48) 2-Nitroaniline	13.803	65	133540	50.19	ng	#	79
49) Acenaphthylene	14.449	152	549064	47.88	ng		99
50) Dimethylphthalate	14.179	163	488259	48.03	ng		97
51) 2,6-Dinitrotoluene	14.296	165	108338	47.42	ng	#	73
52) Acenaphthene	14.790	154	424215m	54.65	ng		
53) 3-Nitroaniline	14.625	138	74874	33.37	ng	#	74
54) 2,4-Dinitrophenol	14.831	184	146729	98.66	ng	#	72
55) Dibenzofuran	15.125	168	557006	45.89	ng		95
56) 4-Nitrophenol	14.925	139	180911	98.35	ng	#	46
57) 2,4-Dinitrotoluene	15.078	165	154738	46.89	ng	#	70
58) Fluorene	15.771	166	454668	47.22	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.348	232	161956	48.05	ng		97
60) Diethylphthalate	15.536	149	501670	48.26	ng		96
61) 4-Chlorophenyl-phenyle...	15.765	204	273399	47.15	ng		99
62) 4-Nitroaniline	15.783	138	111083	47.60	ng	#	60
63) Azobenzene	16.053	77	483100	46.57	ng		89
65) 4,6-Dinitro-2-methylph...	15.842	198	105538	46.66	ng		86
66) n-Nitrosodiphenylamine	15.977	169	418934	46.48	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	188532	47.19	ng		100
68) Hexachlorobenzene	16.776	284	193654	46.99	ng		97
69) Atrazine	16.917	200	164512	43.89	ng		100
70) Pentachlorophenol	17.117	266	260158	95.97	ng		97
71) Phenanthrene	17.510	178	798874	47.21	ng		97
72) Anthracene	17.604	178	814842	48.49	ng		98
73) Carbazole	17.869	167	758219	47.71	ng		98
74) Di-n-butylphthalate	18.421	149	925460	52.55	ng	#	98
75) Fluoranthene	19.514	202	1114057	50.57	ng		98
77) Benzidine	19.690	184	580204	50.43	ng		99
78) Pyrene	19.872	202	1106849	45.01	ng		98
80) Butylbenzylphthalate	20.753	149	425563	49.42	ng		91
81) Benzo(a)anthracene	21.723	228	1143869	46.57	ng		99
82) 3,3'-Dichlorobenzidine	21.635	252	277190	31.51	ng	#	99
83) Chrysene	21.788	228	1092453	46.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.623	149	597228	49.36	ng		97
85) Di-n-octyl phthalate	22.851	149	1015569	49.30	ng		96
87) Indeno(1,2,3-cd)pyrene	28.732	276	1346227	49.21	ng	#	86
88) Benzo(b)fluoranthene	23.967	252	1184288	47.44	ng	#	98
89) Benzo(k)fluoranthene	24.038	252	1130254	47.46	ng	#	97
90) Benzo(a)pyrene	24.855	252	1086541	46.93	ng	#	97
91) Dibenzo(a,h)anthracene	28.797	278	1112817	47.68	ng	#	96
92) Benzo(g,h,i)perylene	29.896	276	1098149	48.42	ng	#	94

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

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