Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
Data File : BG048682.D
Acq On : 13 Apr 2021 20:22
Operator : CG/JU
Sample : M2010-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-SPMSD

Manual Integrations APPROVED
mohammad
4/14/2021 11:52:00 AM

Quant Time: Apr 14 00:32:16 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	8.085	152	15362	20.00	ng		-0.02
21) Naphthalene-d8	10.911	136	61289	20.00	ng		#-0.02
39) Acenaphthene-d10	14.742	164	45230	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	124165	20.00	ng		# 0.00
76) Chrysene-d12	21.792	240	122460	20.00	ng		# 0.00
86) Perylene-d12	25.130	264	124763	20.00	ng		#-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	98247	112.91	ng		0.00
7) Phenol-d6	7.245	99	128532	101.85	ng		0.00
23) Nitrobenzene-d5	9.254	82	98837	78.08	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	70556	118.67	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	216569	71.17	ng		-0.02
79) Terphenyl-d14	20.100	244	466732	69.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.484	88	13475	38.49	ng	#	92
3) Pyridine	3.896	79	37392	42.60	ng		93
4) n-Nitrosodimethylamine	3.808	42	32166	56.09	ng	#	91
6) Aniline	7.403	93	33400	23.05	ng		93
8) 2-Chlorophenol	7.650	128	45116	45.88	ng		97
9) Benzaldehyde	7.210	77	33287	41.27	ng		96
10) Phenol	7.268	94	63280	50.09	ng		90
11) bis(2-Chloroethyl)ether	7.497	93	37223	42.46	ng		95
12) 1,3-Dichlorobenzene	7.967	146	50361	45.46	ng		94
13) 1,4-Dichlorobenzene	8.120	146	49188	44.04	ng		96
14) 1,2-Dichlorobenzene	8.443	146	46611	43.58	ng		94
15) Benzyl Alcohol	8.320	79	52531	50.82	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.608	45	42409	50.15	ng		98
17) 2-Methylphenol	8.532	107	40262	49.25	ng		91
18) Hexachloroethane	9.172	117	20121	48.48	ng		88
19) n-Nitroso-di-n-propyla...	8.890	70	39658	45.59	ng		92
20) 3+4-Methylphenols	8.861	107	52873	46.60	ng		81
22) Acetophenone	8.913	105	71878	45.49	ng	#	95
24) Nitrobenzene	9.295	77	63738	51.30	ng	#	92
25) Isophorone	9.824	82	105646	45.19	ng	#	97
26) 2-Nitrophenol	10.012	139	26468	46.37	ng	#	79
27) 2,4-Dimethylphenol	10.077	122	50218	55.91	ng		95
28) bis(2-Chloroethoxy)met...	10.306	93	52722	49.20	ng		96
29) 2,4-Dichlorophenol	10.559	162	49355	48.53	ng		93
30) 1,2,4-Trichlorobenzene	10.770	180	54141	46.33	ng		89
31) Naphthalene	10.964	128	142568	45.24	ng		98
32) Benzoic acid	10.224	122	31312	45.32	ng		89
33) 4-Chloroaniline	11.064	127	15660	11.78	ng	#	91
34) Hexachlorobutadiene	11.240	225	38709	45.36	ng		98
35) Caprolactam	11.845	113	19746m	53.22	ng		
36) 4-Chloro-3-methylphenol	12.198	107	59689	52.26	ng		95
37) 2-Methylnaphthalene	12.568	142	113092	45.08	ng		94
38) 1-Methylnaphthalene	12.785	142	104366m	43.62	ng		
40) 1,2,4,5-Tetrachloroben...	12.932	216	66225	47.23	ng		98
41) Hexachlorocyclopentadiene	12.909	237	77633	95.58	ng		99
43) 2,4,6-Trichlorophenol	13.173	196	47932	49.74	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	51229	49.69	ng	#	88
46) 1,1'-Biphenyl	13.573	154	151853	45.95	ng		99
47) 2-Chloronaphthalene	13.614	162	118018	46.87	ng		96
48) 2-Nitroaniline	13.814	65	47443	59.27	ng	#	82
49) Acenaphthylene	14.460	152	195837	49.62	ng		97
50) Dimethylphthalate	14.184	163	172272	51.32	ng	#	96
51) 2,6-Dinitrotoluene	14.307	165	37229	48.47	ng	#	84
52) Acenaphthene	14.807	154	158541m	55.53	ng		
53) 3-Nitroaniline	14.642	138	11313	15.02	ng	#	77
54) 2,4-Dinitrophenol	14.854	184	47544	110.09	ng	#	79
55) Dibenzofuran	15.136	168	193675	46.45	ng		95
56) 4-Nitrophenol	14.965	139	63868	105.06	ng		97
57) 2,4-Dinitrotoluene	15.100	165	55590	51.17	ng	#	79
58) Fluorene	15.788	166	162438	46.54	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	49873	49.58	ng		96
60) Diethylphthalate	15.553	149	179221	51.96	ng		97
61) 4-Chlorophenyl-phenyle...	15.776	204	90088	47.97	ng		93
62) 4-Nitroaniline	15.811	138	37049	47.03	ng	#	61
63) Azobenzene	16.070	77	168914	49.78	ng		92
65) 4,6-Dinitro-2-methylph...	15.864	198	37715	50.55	ng		94
66) n-Nitrosodiphenylamine	15.993	169	152480	43.16	ng		98
67) 4-Bromophenyl-phenylether	16.675	248	62096	45.11	ng		97
68) Hexachlorobenzene	16.792	284	63430	44.14	ng		95
69) Atrazine	16.939	200	70324	48.81	ng		96
70) Pentachlorophenol	17.139	266	80321	89.92	ng		95
71) Phenanthrene	17.539	178	285905	44.36	ng		97
72) Anthracene	17.627	178	294700	45.88	ng		97
73) Carbazole	17.897	167	266994	43.83	ng		96
74) Di-n-butylphthalate	18.443	149	330717	48.60	ng		99
75) Fluoranthene	19.548	202	372870	46.66	ng		96
77) Benzidine	19.724	184	131735	31.77	ng	#	95
78) Pyrene	19.912	202	370916	44.05	ng		99
80) Butylbenzylphthalate	20.788	149	146364	46.80	ng		88
81) Benzo(a)anthracene	21.775	228	366692	44.82	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	46381	16.50	ng		89
83) Chrysene	21.839	228	341807	43.78	ng		95
84) Bis(2-ethylhexyl)phtha...	21.663	149	204480	46.94	ng		99
85) Di-n-octyl phthalate	22.915	149	348899	45.94	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.961	276	416727	47.64	ng	#	83
88) Benzo(b)fluoranthene	24.066	252	374066	46.16	ng	#	98
89) Benzo(k)fluoranthene	24.143	252	349078	44.81	ng	#	96
90) Benzo(a)pyrene	24.971	252	326323	43.69	ng	#	99
91) Dibenzo(a,h)anthracene	29.025	278	346007	46.35	ng	#	99
92) Benzo(g,h,i)perylene	30.165	276	340511	46.57	ng		93

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

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