Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048655.D
Acq On : 9 Apr 2021 21:45
Operator : CG/JU
Sample : M1967-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SED-1AMS

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:31 PM

Quant Time: Apr 10 00:55:24 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	8.088	152	36727	20.00	ng		#-0.01
21) Naphthalene-d8	10.914	136	147281	20.00	ng		#-0.01
39) Acenaphthene-d10	14.739	164	100731	20.00	ng		-0.01
64) Phenanthrene-d10	17.494	188	255610	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	251162	20.00	ng		# 0.00
86) Perylene-d12	25.127	264	258645	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	256466	123.29	ng		0.00
7) Phenol-d6	7.248	99	325077	107.75	ng		0.00
23) Nitrobenzene-d5	9.263	82	216869	71.29	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	162109	122.43	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	461791	68.14	ng		0.00
79) Terphenyl-d14	20.103	244	778509	56.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	22939	27.41	ng		96
3) Pyridine	3.899	79	85495	40.74	ng		92
4) n-Nitrosodimethylamine	3.811	42	52861	38.56	ng		84
6) Aniline	7.406	93	113625	32.79	ng		97
8) 2-Chlorophenol	7.653	128	113620	48.33	ng		91
9) Benzaldehyde	7.218	77	78901	40.91	ng		98
10) Phenol	7.271	94	142431	47.16	ng		96
11) bis(2-Chloroethyl)ether	7.500	93	94938	45.30	ng		95
12) 1,3-Dichlorobenzene	7.976	146	122843m	46.39	ng		
13) 1,4-Dichlorobenzene	8.129	146	122783	45.98	ng		94
14) 1,2-Dichlorobenzene	8.446	146	117510	45.95	ng		94
15) Benzyl Alcohol	8.329	79	109466	44.29	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.617	45	85675	42.38	ng		96
17) 2-Methylphenol	8.534	107	93007	47.59	ng	#	87
18) Hexachloroethane	9.181	117	44252	44.60	ng	#	80
19) n-Nitroso-di-n-propyla...	8.899	70	83048	39.94	ng	#	91
20) 3+4-Methylphenols	8.863	107	126659	46.69	ng		95
22) Acetophenone	8.916	105	169257	44.57	ng		94
24) Nitrobenzene	9.304	77	130732	43.79	ng		97
25) Isophorone	9.827	82	228943	40.75	ng		99
26) 2-Nitrophenol	10.015	139	62274	45.40	ng		95
27) 2,4-Dimethylphenol	10.074	122	108665	50.35	ng		97
28) bis(2-Chloroethoxy)met...	10.309	93	127837	49.64	ng		99
29) 2,4-Dichlorophenol	10.561	162	109175	44.67	ng		94
30) 1,2,4-Trichlorobenzene	10.773	180	130997	46.65	ng		93
31) Naphthalene	10.967	128	339428	44.82	ng		98
32) Benzoic acid	10.221	122	68961	41.53	ng		85
33) 4-Chloroaniline	11.073	127	58231	18.22	ng		98
34) Hexachlorobutadiene	11.249	225	92171	44.94	ng		98
35) Caprolactam	11.842	113	40935m	45.91	ng		
36) 4-Chloro-3-methylphenol	12.195	107	123958	45.17	ng		92
37) 2-Methylnaphthalene	12.571	142	264746	43.92	ng		99
38) 1-Methylnaphthalene	12.788	142	244482	42.52	ng		98
40) 1,2,4,5-Tetrachloroben...	12.935	216	149061	47.74	ng		97
41) Hexachlorocyclopentadiene	12.912	237	178345	98.59	ng		98
43) 2,4,6-Trichlorophenol	13.176	196	105924	49.35	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	109546	47.71	ng	#	95
46) 1,1'-Biphenyl	13.576	154	345508	46.94	ng		96
47) 2-Chloronaphthalene	13.623	162	262027	46.73	ng		97
48) 2-Nitroaniline	13.822	65	81425	45.68	ng		94
49) Acenaphthylene	14.463	152	437692	49.79	ng		96
50) Dimethylphthalate	14.187	163	368483	49.29	ng		99
51) 2,6-Dinitrotoluene	14.310	165	81158	47.45	ng		93
52) Acenaphthene	14.809	154	345793m	54.38	ng		
53) 3-Nitroaniline	14.645	138	52257	31.15	ng		87
54) 2,4-Dinitrophenol	14.851	184	99563	103.52	ng		96
55) Dibenzofuran	15.138	168	419272	45.15	ng		97
56) 4-Nitrophenol	14.956	139	134574	99.40	ng	#	76
57) 2,4-Dinitrotoluene	15.097	165	116331	48.08	ng	#	98
58) Fluorene	15.791	166	357831	46.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.368	232	109424	48.85	ng	#	98
60) Diethylphthalate	15.550	149	360266	46.90	ng		98
61) 4-Chlorophenyl-phenyle...	15.779	204	193820	46.34	ng		94
62) 4-Nitroaniline	15.808	138	84757	48.31	ng		91
63) Azobenzene	16.073	77	313818	41.52	ng		93
65) 4,6-Dinitro-2-methylph...	15.867	198	72824	47.41	ng		88
66) n-Nitrosodiphenylamine	15.996	169	314070	43.19	ng		95
67) 4-Bromophenyl-phenylether	16.678	248	126567	44.67	ng		97
68) Hexachlorobenzene	16.795	284	139214	47.05	ng		97
69) Atrazine	16.942	200	140144	47.25	ng		96
70) Pentachlorophenol	17.142	266	178429	97.03	ng		93
71) Phenanthrene	17.541	178	655625	49.41	ng		99
72) Anthracene	17.630	178	621394	46.99	ng		98
73) Carbazole	17.900	167	556777	44.40	ng		98
74) Di-n-butylphthalate	18.446	149	646352	46.14	ng		98
75) Fluoranthene	19.551	202	882251	53.63	ng		96
77) Benzidine	19.727	184	395492	46.50	ng		99
78) Pyrene	19.909	202	854457	49.48	ng		97
80) Butylbenzylphthalate	20.791	149	299588	46.71	ng		98
81) Benzo(a)anthracene	21.772	228	819164	48.81	ng		99
82) 3,3'-Dichlorobenzidine	21.684	252	145874	25.30	ng		96
83) Chrysene	21.842	228	743685	46.44	ng		95
84) Bis(2-ethylhexyl)phtha...	21.666	149	429036	48.02	ng		99
85) Di-n-octyl phthalate	22.918	149	725613	46.59	ng		96
87) Indeno(1,2,3-cd)pyrene	28.969	276	895538	49.39	ng	#	99
88) Benzo(b)fluoranthene	24.069	252	833241	49.60	ng	#	97
89) Benzo(k)fluoranthene	24.140	252	735652	45.55	ng		99
90) Benzo(a)pyrene	24.980	252	732683	47.32	ng		99
91) Dibenzo(a,h)anthracene	29.040	278	714762	46.18	ng		98
92) Benzo(g,h,i)perylene	30.162	276	743050	49.02	ng		96

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

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