Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048656.D
Acq On : 9 Apr 2021 22:25
Operator : CG/JU
Sample : M1967-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SED-1AMSD

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:35 PM

Quant Time: Apr 10 00:55:50 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	8.090	152	35613	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	145132	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	101946	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	254198	20.00	ng		0.00
76) Chrysene-d12	21.792	240	244714	20.00	ng		# 0.00
86) Perylene-d12	25.129	264	254961	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	247441	122.67	ng		0.00
7) Phenol-d6	7.244	99	316659	108.24	ng		0.00
23) Nitrobenzene-d5	9.260	82	211826	70.66	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	160304	119.62	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	454434	66.25	ng		0.00
79) Terphenyl-d14	20.106	244	765110	57.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	26505	32.66	ng		94
3) Pyridine	3.901	79	78785	38.72	ng		95
4) n-Nitrosodimethylamine	3.813	42	50648	38.10	ng	#	78
6) Aniline	7.403	93	116176	34.58	ng		93
8) 2-Chlorophenol	7.656	128	110363	48.41	ng		91
9) Benzaldehyde	7.221	77	75120	40.17	ng		95
10) Phenol	7.274	94	140863	48.09	ng		97
11) bis(2-Chloroethyl)ether	7.503	93	93115	45.82	ng		95
12) 1,3-Dichlorobenzene	7.979	146	118549	46.16	ng		98
13) 1,4-Dichlorobenzene	8.126	146	121672	46.99	ng		98
14) 1,2-Dichlorobenzene	8.449	146	113901	45.93	ng		91
15) Benzyl Alcohol	8.325	79	108093	45.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.613	45	87315	44.54	ng		94
17) 2-Methylphenol	8.531	107	94784	50.02	ng	#	87
18) Hexachloroethane	9.183	117	44510	46.26	ng	#	78
19) n-Nitroso-di-n-propyla...	8.895	70	81115	40.23	ng		91
20) 3+4-Methylphenols	8.860	107	126019	47.91	ng		94
22) Acetophenone	8.919	105	165717	44.29	ng	#	91
24) Nitrobenzene	9.301	77	124693	42.39	ng		96
25) Isophorone	9.830	82	231927	41.90	ng		99
26) 2-Nitrophenol	10.018	139	63737	47.15	ng		94
27) 2,4-Dimethylphenol	10.076	122	108636	51.08	ng		94
28) bis(2-Chloroethoxy)met...	10.311	93	122680	48.35	ng		94
29) 2,4-Dichlorophenol	10.558	162	116038	48.18	ng		85
30) 1,2,4-Trichlorobenzene	10.776	180	127376	46.03	ng		94
31) Naphthalene	10.969	128	334660	44.85	ng		98
32) Benzoic acid	10.223	122	70796	43.27	ng		99
33) 4-Chloroaniline	11.069	127	65622	20.84	ng		95
34) Hexachlorobutadiene	11.246	225	89596	44.33	ng		91
35) Caprolactam	11.851	113	40964m	46.62	ng		
36) 4-Chloro-3-methylphenol	12.197	107	124782	46.14	ng		92
37) 2-Methylnaphthalene	12.573	142	259652	43.71	ng		97
38) 1-Methylnaphthalene	12.791	142	243836	43.04	ng		96
40) 1,2,4,5-Tetrachloroben...	12.938	216	151110	47.82	ng		98
41) Hexachlorocyclopentadiene	12.914	237	169612	92.65	ng		99
43) 2,4,6-Trichlorophenol	13.173	196	103608	47.70	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	109940	47.31	ng		97
46) 1,1'-Biphenyl	13.572	154	344906	46.30	ng		95
47) 2-Chloronaphthalene	13.619	162	259838	45.79	ng		97
48) 2-Nitroaniline	13.819	65	82688	45.83	ng		92
49) Acenaphthylene	14.465	152	434943	48.89	ng		97
50) Dimethylphthalate	14.189	163	366743	48.47	ng		99
51) 2,6-Dinitrotoluene	14.313	165	79927	46.17	ng		92
52) Acenaphthene	14.806	154	339502m	52.76	ng		
53) 3-Nitroaniline	14.642	138	51762	30.49	ng		93
54) 2,4-Dinitrophenol	14.847	184	102404	105.20	ng		95
55) Dibenzofuran	15.141	168	415096	44.17	ng		97
56) 4-Nitrophenol	14.959	139	135288	98.73	ng	#	82
57) 2,4-Dinitrotoluene	15.100	165	116772	47.69	ng		95
58) Fluorene	15.793	166	357696	45.47	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.364	232	109773m	48.42	ng		
60) Diethylphthalate	15.552	149	363326	46.73	ng		98
61) 4-Chlorophenyl-phenyle...	15.781	204	196099	46.33	ng		95
62) 4-Nitroaniline	15.811	138	83183	46.85	ng		95
63) Azobenzene	16.075	77	310488	40.59	ng		94
65) 4,6-Dinitro-2-methylph...	15.870	198	73791	48.31	ng		86
66) n-Nitrosodiphenylamine	15.993	169	318187	44.00	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	129675	46.02	ng		95
68) Hexachlorobenzene	16.798	284	139738	47.49	ng		96
69) Atrazine	16.945	200	142710	48.38	ng		95
70) Pentachlorophenol	17.145	266	180623	98.77	ng		91
71) Phenanthrene	17.538	178	669215	50.71	ng		99
72) Anthracene	17.632	178	617367	46.95	ng		98
73) Carbazole	17.897	167	551165	44.20	ng		99
74) Di-n-butylphthalate	18.449	149	650734	46.71	ng		97
75) Fluoranthene	19.548	202	882133	53.92	ng		96
77) Benzidine	19.724	184	409311	49.39	ng		99
78) Pyrene	19.912	202	839791	49.91	ng		97
80) Butylbenzylphthalate	20.787	149	297586	47.62	ng		98
81) Benzo(a)anthracene	21.774	228	801335	49.01	ng		98
82) 3,3'-Dichlorobenzidine	21.680	252	159852	28.46	ng		92
83) Chrysene	21.839	228	732112	46.92	ng		95
84) Bis(2-ethylhexyl)phtha...	21.663	149	420371	48.29	ng		97
85) Di-n-octyl phthalate	22.914	149	710106	46.79	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.960	276	876701	49.05	ng	#	88
88) Benzo(b)fluoranthene	24.066	252	813580	49.13	ng		98
89) Benzo(k)fluoranthene	24.142	252	734229	46.12	ng		99
90) Benzo(a)pyrene	24.977	252	721785	47.29	ng		99
91) Dibenzo(a,h)anthracene	29.031	278	696736	45.67	ng		95
92) Benzo(g,h,i)perylene	30.170	276	727517	48.69	ng		94

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

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