Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048343.D
Acq On : 5 Mar 2021 18:26
Operator : CG/JU
Sample : M1552-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
24368MSD

Manual Integrations APPROVED
mohammad
3/8/2021 9:34:38 AM

Quant Time: Mar 06 01:01:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	30499	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	128036	20.00	ng	0.00
39) Acenaphthene-d10	14.708	164	97407	20.00	ng	0.00
64) Phenanthrene-d10	17.451	188	239104	20.00	ng	# 0.00
76) Chrysene-d12	21.729	240	253705	20.00	ng	# 0.00
86) Perylene-d12	24.984	264	246396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	256124	142.95	ng	0.00
7) Phenol-d6	7.287	99	352100	129.34	ng	0.00
23) Nitrobenzene-d5	9.249	82	283668	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	202843	130.19	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	607718	87.47	ng	0.00
79) Terphenyl-d14	20.048	244	1175253	84.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.497	88	28706	34.96	ng	# 44
3) Pyridine	3.908	79	90518	39.88	ng	# 92
4) n-Nitrosodimethylamine	3.814	42	68665	56.98	ng	# 52
6) Aniline	7.404	93	67163	20.65	ng	# 80
8) 2-Chlorophenol	7.651	128	101132	51.39	ng	84
9) Benzaldehyde	7.210	77	38117	19.77	ng	# 74
10) Phenol	7.316	94	148259	53.86	ng	# 68
11) bis(2-Chloroethyl)ether	7.487	93	101212	47.20	ng	92
12) 1,3-Dichlorobenzene	7.957	146	99415	43.73	ng	# 83
13) 1,4-Dichlorobenzene	8.104	146	102915	44.89	ng	# 94
14) 1,2-Dichlorobenzene	8.427	146	99777m	45.76	ng	
15) Benzyl Alcohol	8.333	79	131306	54.73	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.591	45	139627	50.21	ng	90
17) 2-Methylphenol	8.562	107	95939	53.45	ng	# 81
18) Hexachloroethane	9.149	117	40666	46.53	ng	97
19) n-Nitroso-di-n-propyla...	8.879	70	108495	51.63	ng	# 88
20) 3+4-Methylphenols	8.891	107	129738	51.87	ng	# 50
22) Acetophenone	8.903	105	180646	49.15	ng	# 78
24) Nitrobenzene	9.290	77	157370	48.73	ng	# 79
25) Isophorone	9.807	82	271791	45.28	ng	# 91
26) 2-Nitrophenol	10.001	139	62129	46.51	ng	# 63
27) 2,4-Dimethylphenol	10.084	122	100352	52.19	ng	# 81
28) bis(2-Chloroethoxy)met...	10.289	93	147704	50.34	ng	# 93
29) 2,4-Dichlorophenol	10.565	162	119556	48.62	ng	92
30) 1,2,4-Trichlorobenzene	10.748	180	125815	45.00	ng	98
31) Naphthalene	10.941	128	309782	43.83	ng	99
32) Benzoic acid	10.272	122	37715	28.26	ng	# 63
33) 4-Chloroaniline	11.077	127	14917	4.87	ng	# 86
34) Hexachlorobutadiene	11.206	225	94800	45.33	ng	99
35) Caprolactam	11.846	113	33330m	40.91	ng	
36) 4-Chloro-3-methylphenol	12.222	107	136829	50.33	ng	86
37) 2-Methylnaphthalene	12.540	142	237724	43.26	ng	# 85
38) 1-Methylnaphthalene	12.757	142	228685	43.99	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.904	216	167466	48.14	ng	# 96
41) Hexachlorocyclopentadiene	12.874	237	206227	97.21	ng	97
43) 2,4,6-Trichlorophenol	13.162	196	119122	47.65	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	123593	45.83	ng	#	93
46) 1,1'-Biphenyl	13.538	154	333023	47.72	ng		99
47) 2-Chloronaphthalene	13.585	162	271351	45.69	ng		98
48) 2-Nitroaniline	13.809	65	113699	53.34	ng	#	69
49) Acenaphthylene	14.431	152	415767	45.26	ng		99
50) Dimethylphthalate	14.161	163	421511	51.75	ng		99
51) 2,6-Dinitrotoluene	14.296	165	84570	46.21	ng	#	43
52) Acenaphthene	14.772	154	248096	39.89	ng		96
53) 3-Nitroaniline	14.637	138	24832	13.81	ng	#	58
54) 2,4-Dinitrophenol	14.849	184	104006	87.29	ng	#	46
55) Dibenzofuran	15.107	168	435134	44.74	ng		94
56) 4-Nitrophenol	15.007	139	100527	68.22	ng	#	16
57) 2,4-Dinitrotoluene	15.089	165	119486	45.19	ng	#	51
58) Fluorene	15.753	166	354705	45.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.354	232	118494	43.88	ng	#	93
60) Diethylphthalate	15.513	149	398174	47.82	ng		95
61) 4-Chlorophenyl-phenyle...	15.742	204	220719	47.51	ng		99
62) 4-Nitroaniline	15.812	138	70053	37.47	ng	#	34
63) Azobenzene	16.035	77	412280	49.61	ng		86
65) 4,6-Dinitro-2-methylph...	15.853	198	79866	46.02	ng	#	68
66) n-Nitrosodiphenylamine	15.965	169	329210	47.61	ng		99
67) 4-Bromophenyl-phenylether	16.635	248	147268	48.04	ng		92
68) Hexachlorobenzene	16.758	284	154869	48.97	ng	#	94
69) Atrazine	16.911	200	122280	42.52	ng		97
70) Pentachlorophenol	17.122	266	133232	64.06	ng		98
71) Phenanthrene	17.498	178	615940	47.44	ng		97
72) Anthracene	17.587	178	632508	49.06	ng		97
73) Carbazole	17.869	167	555834	45.58	ng		97
74) Di-n-butylphthalate	18.397	149	673640	49.85	ng	#	96
75) Fluoranthene	19.502	202	802246	47.46	ng		96
77) Benzidine	19.684	184	159859	19.28	ng		97
78) Pyrene	19.860	202	800011	45.15	ng		98
80) Butylbenzylphthalate	20.730	149	292829	47.19	ng	#	82
81) Benzo(a)anthracene	21.705	228	813374	45.96	ng		99
82) 3,3'-Dichlorobenzidine	21.623	252	119939	18.92	ng	#	96
83) Chrysene	21.776	228	772962	45.72	ng		99
84) Bis(2-ethylhexyl)phtha...	21.582	149	417787	47.93	ng		94
85) Di-n-octyl phthalate	22.804	149	711796	47.96	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.721	276	927534	49.68	ng	#	87
88) Benzo(b)fluoranthene	23.956	252	824870	48.42	ng	#	94
89) Benzo(k)fluoranthene	24.014	252	779711	47.98	ng	#	96
90) Benzo(a)pyrene	24.837	252	739434	46.80	ng	#	96
91) Dibenzo(a,h)anthracene	28.779	278	773732	48.58	ng	#	93
92) Benzo(g,h,i)perylene	29.890	276	755046	48.78	ng	#	92

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

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