Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046847.D
Acq On : 12 Oct 2020 15:02
Operator : CG/JU
Sample : L4291-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10MS

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:43 PM

Quant Time: Oct 12 16:31:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	68747	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	252829	20.00	ng	# 0.00
39) Acenaphthene-d10	14.731	164	180648	20.00	ng	0.00
64) Phenanthrene-d10	17.469	188	483093	20.00	ng	-0.01
76) Chrysene-d12	21.746	240	530111	20.00	ng	#-0.01
86) Perylene-d12	25.013	264	537085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	504503	117.56	ng	0.00
7) Phenol-d6	7.263	99	631880	104.39	ng	0.00
23) Nitrobenzene-d5	9.267	82	490848	103.28	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	399375	167.67	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	1117329	87.56	ng	0.00
79) Terphenyl-d14	20.078	244	2220609	83.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.573	88	63052	31.49	ng	# 28
3) Pyridine	3.973	79	172502	30.45	ng	# 94
4) n-Nitrosodimethylamine	3.873	42	108291	36.53	ng	# 65
6) Aniline	7.428	93	150396	20.56	ng	98
8) 2-Chlorophenol	7.669	128	193309	45.20	ng	93
9) Benzaldehyde	7.240	77	47767	9.56	ng	# 81
10) Phenol	7.287	94	235919	39.16	ng	85
11) bis(2-Chloroethyl)ether	7.522	93	190270	40.86	ng	96
12) 1,3-Dichlorobenzene	7.998	146	223326	40.44	ng	# 91
13) 1,4-Dichlorobenzene	8.144	146	226412	41.37	ng	94
14) 1,2-Dichlorobenzene	8.462	146	214616	42.05	ng	97
15) Benzyl Alcohol	8.338	79	210095	42.22	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.626	45	261538	32.01	ng	97
17) 2-Methylphenol	8.538	107	167229	43.22	ng	# 90
18) Hexachloroethane	9.196	117	80867	39.17	ng	91
19) n-Nitroso-di-n-propyla...	8.908	70	162053	39.04	ng	92
20) 3+4-Methylphenols	8.867	107	228390	43.31	ng	90
22) Acetophenone	8.926	105	310850	42.33	ng	# 95
24) Nitrobenzene	9.314	77	247466	47.70	ng	# 87
25) Isophorone	9.837	82	440370	42.45	ng	94
26) 2-Nitrophenol	10.025	139	111846	59.64	ng	# 80
27) 2,4-Dimethylphenol	10.077	122	180209	48.07	ng	93
28) bis(2-Chloroethoxy)met...	10.313	93	249852	39.04	ng	96
29) 2,4-Dichlorophenol	10.559	162	214936	47.66	ng	96
30) 1,2,4-Trichlorobenzene	10.777	180	232649	43.22	ng	96
31) Naphthalene	10.971	128	584744	42.64	ng	98
32) Benzoic acid	10.177	122	80047	32.91	ng	93
33) 4-Chloroaniline	11.070	127	42734	7.03	ng	94
34) Hexachlorobutadiene	11.253	225	159716	40.47	ng	99
35) Caprolactam	11.840	113	66047m	43.24	ng	
36) 4-Chloro-3-methylphenol	12.181	107	232464	47.95	ng	86
37) 2-Methylnaphthalene	12.563	142	434878	42.77	ng	# 94
38) 1-Methylnaphthalene	12.786	142	415597m	44.04	ng	
40) 1,2,4,5-Tetrachloroben...	12.927	216	282360	43.48	ng	# 98
41) Hexachlorocyclopentadiene	12.909	237	342267	90.61	ng	99
43) 2,4,6-Trichlorophenol	13.162	196	201535	49.35	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	214466	52.18	ng	#	90
46) 1,1'-Biphenyl	13.568	154	604326	43.51	ng		95
47) 2-Chloronaphthalene	13.609	162	463312	41.05	ng		95
48) 2-Nitroaniline	13.803	65	169087	56.44	ng	#	82
49) Acenaphthylene	14.455	152	731121	44.02	ng		99
50) Dimethylphthalate	14.179	163	695540	48.20	ng		99
51) 2,6-Dinitrotoluene	14.296	165	146927	62.66	ng	#	74
52) Acenaphthene	14.795	154	530877	47.06	ng		94
53) 3-Nitroaniline	14.625	138	79427	29.97	ng		82
54) 2,4-Dinitrophenol	14.831	184	115853	90.46	ng	#	81
55) Dibenzofuran	15.125	168	761782	44.73	ng		97
56) 4-Nitrophenol	14.931	139	253081	115.96	ng	#	68
57) 2,4-Dinitrotoluene	15.083	165	212380	68.39	ng	#	82
58) Fluorene	15.777	166	638242	46.80	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.348	232	221584m	53.94	ng		
60) Diethylphthalate	15.542	149	678652	46.78	ng		97
61) 4-Chlorophenyl-phenyle...	15.765	204	366727	47.10	ng		98
62) 4-Nitroaniline	15.788	138	153582	52.20	ng	#	65
63) Azobenzene	16.059	77	614267	43.08	ng		92
65) 4,6-Dinitro-2-methylph...	15.841	198	116995	58.35	ng		83
66) n-Nitrosodiphenylamine	15.976	169	595615	41.04	ng		99
67) 4-Bromophenyl-phenylether	16.658	248	251463	41.20	ng		95
68) Hexachlorobenzene	16.781	284	266042	40.51	ng		98
69) Atrazine	16.922	200	208240	35.71	ng		98
70) Pentachlorophenol	17.116	266	358156	94.47	ng		90
71) Phenanthrene	17.516	178	1126208	42.94	ng		99
72) Anthracene	17.604	178	1141451	44.10	ng		98
73) Carbazole	17.868	167	1062489	45.11	ng		98
74) Di-n-butylphthalate	18.427	149	1242052	42.91	ng	#	98
75) Fluoranthene	19.519	202	1499289	44.89	ng		98
77) Benzidine	19.690	184	159347	9.75	ng		97
78) Pyrene	19.878	202	1504902	44.16	ng		100
80) Butylbenzylphthalate	20.759	149	578989	43.97	ng		91
81) Benzo(a)anthracene	21.729	228	1513914	42.78	ng		99
82) 3,3'-Dichlorobenzidine	21.635	252	345702	25.17	ng		97
83) Chrysene	21.793	228	1460769	43.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.629	149	832377	43.03	ng		97
85) Di-n-octyl phthalate	22.857	149	1399522	42.08	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.744	276	1782232	44.85	ng	#	93
88) Benzo(b)fluoranthene	23.979	252	1575252	44.75	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1526454	45.11	ng	#	98
90) Benzo(a)pyrene	24.866	252	1416239	42.76	ng	#	98
91) Dibenzo(a,h)anthracene	28.820	278	1474114	45.35	ng	#	95
92) Benzo(g,h,i)perylene	29.919	276	1487020	46.78	ng	#	94

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

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